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Plant Book
White Flower Farm
Litchfield, Connecticut
1961

WHITE FLOWER FARM
LITCHFIELD, CONNECTICUT

Telephone: Jordan 7-8602

On Route #63

Note: PLANT BOOK (published once a year), 50 cents a copy. Three Year Subscription to PLANT BOOK and WHITE FLOWER FARM NOTES (published six times a year), \$3.50. Customers in the United States get this complete gardening publications service free.

Harold Calverley, Sales Manager
Amos Pettingill, Editor of Publications
David J. A. Smith, Horticulturist
Ian Waters, Superintendent

Open daily from 9 a.m. to 5:30 p.m. except: Sundays November through March, and Saturdays December through February. All customer correspondence requiring an answer should contain a self-addressed stamped envelope. Trees and Shrubs marked with an asterisk are rare or unusual plants, and because many are imported they sometimes are not available for immediate shipment. Perennials marked with an asterisk are suitable for rock gardens. Double asterisks before a bulb indicates that it is for forcing, too.

Conditions of Sale. By Mail Order: 1. Plants are sold only as quoted herein. 2. Remittances should accompany order unless an account has been set up. Please use checks or money orders—never cash. If your shipment is for Connecticut, the 3% sales tax must be added. 3. White Flower Farm absorbs all packaging charges, but bills all Parcel Post, Express or other transportation charges at cost after shipment. For Pottery, Grass Seed and other non-perishable items, transportation is collected by the carrier. However, if such items are gifts, we will prepay and bill the donor. All perishable are shipped Parcel Post, Special Handling. This small charge insures the best possible delivery service. 4. For orders under \$7.50 add 75 cents service charge as indicated on order form. 5. Replacement policy is liberal. However, the majority of our customers are experienced gardeners, and as a consequence we have very little replacing to do. Shipments are insured against loss or damage in transit. Let us know at once. Other problems should be brought to our attention within 30 days. 6. Plants not in stock are automatically back-ordered for preferential shipment the following season. 7. Three, Dozen, and other quantity rates apply only to the specific variety.

At the Sales Center: 1. Plants are sold only as marked. 2. Orders requiring digging must be paid for in advance. 3. No replacements can be made on Easimove plants unless we are notified within two weeks. This is healthy, vigorous material when purchased at the Sales Center, and failures with them are rarely traced to the plant. Cut flowers carry no guarantee. 4. All "set aside" or "will call" orders, whether originating by telephone, mail, or from instructions given at the Sales Center, will not be held more than 48 hours unless accompanied by a non-returnable deposit of one-third of the total order. Such orders, even when accompanied by a deposit, will be sold if left more than fourteen days. 5. Local customers will find prices for bareroot stock somewhat lower than container grown stock at the Sales Center. They may take advantage of these bareroot prices, by placing their orders by mail, following the above Conditions of Sale as they affect M.O.

All Prices Subject to Change Without Notice

Notes...and what's New

Order early, please

Greetings. We wish you a long and cool spring, reasonable warmth and plenty of gentle moisture in summer, an idyllic Indian summer. These best wishes we can think of are for all of our customers—and for the many newcomers to White Flower Farm, too.

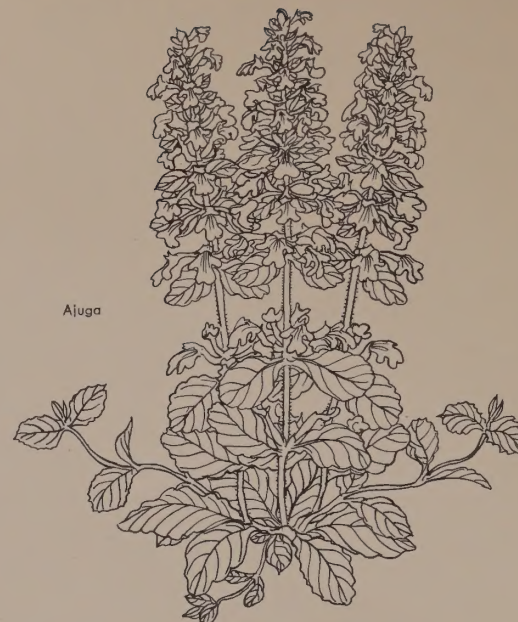
This is the time of year we think well of the coming season, it is also the only time we offer broad discounts as prizes to customers who send us their orders early. This is done to overcome the inertia that seems to be built into most humans when it comes to getting an order for plants written and posted. Early orders permit us to keep our office work load even, and when we have to pay to get orders promptly, we do it gladly, for paying is cheaper than adding staff to handle peak order loads—and it results in a lot fewer errors.

Here are the prizes for this spring. The cut-off date is March 31; the postmark is proof of winning, and no exceptions are ever made. For plant orders of \$15 and under \$49.99, you may deduct 5 percent; for plant orders of \$50 and under \$99.99 deduct 10 percent; for plant orders over \$100 again deduct 10 percent and we will also ship such orders free, the equivalent of another 10 percent. Now please note that these discounts apply to plant material only; they do not, repeat not, apply to such sundries as Italian Terra Rossa Pottery, tools or the like. You can, however, use grass seed—and, of course, Peonies, Iris, Oriental Poppies, or bulbs, even though these will not be shipped until fall. So take advantage of this spring discount offer to reduce the cost of your whole year's requirements for plants, much of which can be foreseen now.

And you can charge the lot. We will bill you as the items are shipped—spring orders in the spring, fall orders in the fall. You can, of course, earn a further discount of 2 percent (after you've deducted the prize discounts) by paying cash with the order. Please remember that White Flower Farm welcomes charge orders at any time—there is no folderol about credit references, for we have found that gardeners, at least our White Flower Farm gardeners, pay their bills promptly, and are collectively the best credit risks imaginable.

New coin return form

Last year we moved from a fixed percentage charge for transportation to the actual cost of transportation per customer, because we found the percentage system grossly inequitable—for example, a percentage charge on expensive bulbs resulted in a higher shipping charge than for inexpensive ones. The only problem with the exact transportation charge per customer is when the cost is under \$1. No one likes to write a check for such



a sum (one charming matron we know quite frankly says she does not know exactly how to write a check for cents only). We bill all transportation charges over \$1.00, but for those under that sum we send a coin return form in the package. It's right easy to use, the amount owed is marked on it—just slip the coins in and return to us. And please do, for it is the only record we have of the transaction! Note: The reason we prepay all transportation on plants, instead of sending them postage or express collect, is to eliminate any delay—no second deliveries, in other words, if you happen to be at the supermarket when the plants come. Seed and sundries, on the other hand, are non-perishable and are sent transportation charges collect unless you ask us to prepay them. But all gifts, of course, are prepaid, then billed to you later.

Calverley's odd behavior

Our sales manager, Harold Calverley, acted very strangely during most of last summer. We watched him time and again become suddenly inattentive (and he's a most attentive man), turn and walk away, his head held a bit higher than usual, nose upturned, and make his way to a block of plants. Then he would get down on his knees and peer about, and after a while return to pick up the interrupted conversation. At other times he'd make some notes before returning. This seemed to

WHITE FLOWER FARM LITCHFIELD, CONNECTICUT •			
IMPORTANT: We never substitute. If for any reason plants ordered are out of stock, we back-order for preferential shipment the following season, notifying you promptly. All orders are usually acknowledged within 48 hours of receipt.			
Ordered By: _____ (Miss, Mrs., Mr.) (Please PRINT or TYPE) Street: _____ City: _____ Zone: _____ State: _____			
Ship To: _____ (Miss, Mrs., Mr.) (Please PRINT or TYPE) Street: _____ City: _____ Zone: _____ State: _____			
No.	Catalogue Description (Please PRINT or TYPE)	Unit Price	Total
Even if your order is complete please carry subtotal to back of this form to, 1) add 75c service charge if the order is under \$7.50, 2) add the 3 percent Connecticut sales tax if you are a resident, or 3) take any discounts you may have earned.		SUBTOTAL	
Please do not write in this space.			

USE RULER AND TEAR HERE

WHITE FLOWER FARM

LITCHFIELD, CONNECTICUT

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Please do not write in this space.

USE RULER AND TEAR HERE.

Perennials, Shrubs, Trees, Roses, Bulbs —

Use this Plant Book as you do a dictionary. It is in complete alphabetical order. Actually, you can look upon it as a horticultural encyclopedia of plants for temperate regions. (Where plants are not hardy, this fact is noted in the description of each genus, e.g., those items in bold capital letters). Although many of the requirements for success in growing a species are noted in this book, we nevertheless provide complete cultural instructions with all orders for plants requiring somewhat special culture. Shipment periods (Spring or Fall) may also be found at the end of each major heading.

White Flower Farm does not compete in the business of selling the largest possible plant—it sells the size of plant that transplants best, a very important factor in shipping bareroot stock. For example, all bulbs except Lilies should be big fellows, and this is the kind we ship. On the other hand, Lilies jolly well hate to be moved when large, so we ship somewhat smaller-sized bulbs that will transplant successfully. Roses should be of top size. But many shrubs and flowering trees grown for bareroot shipment should be brought along in our nursery for only a year or two at most. You should take them over when they are young and vigorous. To us it seems ridiculous to grow material here for size, charging you for the cost of this additional size, as well as for the cost of transportation and packaging, and then deliver a plant so big that your chances of success with it are low. Anyway, that's the way we see it. We really like the plants we sell, so well that we want them to grow. And when they do, we've discharged our obligations to the plants, and to you.

ABELIOPHYLLUM DISTICHUM—See Forsythia

ACHILLEA (Yarrow). Fern-like foliage bearing masses of flowers throughout most of the summer. It grows well in dry, exposed places. Shipped spring or fall.

A. **Coronation Gold**. As new as England's Queen, and, obviously, an import. This is a showy, middle-of-the-border perennial, and its large heads of bright golden-yellow flowers are excellent for cutting. The long blooming period, June to August, is also desirable. Height: 3 feet. Each \$1.10, Three \$3.00, Doz. \$11.00

A. **The Pearl**. Pure white powder-puff flowers in bloom from late June to September. Excellent cut flower. 15 inches. Each \$1.00, Three \$2.80, Doz. \$10.00

A. **taggeta**. Here is a sturdy companion to the Pearl in pale yellow. Height is 18 inches and blooming period is from June to September. Plant in full sun. Each \$1.10, Three \$3.00, Doz. \$11.00

***AJUGA** (Bugle). Splendid rockery plants. Also one of the best ground covers, for sun or shade. It spreads quickly, mats so heavily when established that weeds can't grow. For quick covers plant six inches apart spring or fall. Evergreen. Practically indestructible.



Anchusa

A. **genevensis**. Dense spreading mats of quite light green leaves with masses of dark blue flowers on 6 to 8 inch spikes in May and June. Three \$2.15, Doz. \$7.50

A. **genevensis rubra**. This pink-flowering counterpart of Genevensis is also just as vigorous and a spreader. Three \$2.50, Doz. \$9.00

A. **pyramidalis**. This variety is listed as a herb by herbal experts, and we suspect that its dried leaves produce a brew wondrously beneficial, but we like A. pyramidalis because it does not spread. It grows into a neat small plant and produces perky spikes of blue flowers. Foliage is waxy green. Three \$2.15, Doz. \$7.50

A. **reptans alba**. Bronze foliage that mats heavily. Flowers are white. Height: 6 inches. Three \$2.50, Doz. \$9.00.

A. **reptans rubra**. Pleasant bronze matting foliage. Deep purple flowers on 8 inch stems in May and June. Three \$2.15, Doz. \$7.50

A. **Silver Beauty**. This compact variety has leaves that are heavily silvered. It makes a pleasant contrast used in islands or as edging in solid green Ajuga plantings. It is compact and spreads nicely, but does not get out of hand. It does best in full sun, but like all its family, grows very well in shade. Blue. Three \$2.50, Doz. \$9.00.

ALKANET—See Anchusa

ALTHEA (Rose of Sharon). These shrubs grow erect and stately and bloom their heads off from July to frost. Ultimate height is about 10 feet. (Note: also known as *Hibiscus syriacus*.) Shipped spring or fall.

A. **ardens**. Flowers are double and rose-violet in color, and there are always very many of them on this shrub which matures at 10 to 12 feet. Shipping plants are 18 to 24 inches, well-branched, and with heavy roots.

Each \$2.25, Three \$6.50, Doz. \$22.50

A. **coelestis**. Single blue flowers are mighty lush in this variety from August until frost. Eventual height: 10 to 12 feet. Heavily-rooted shipping plants are 18 to 24 inches.

Each \$2.25, Three \$6.50, Doz. \$22.50

A. **Comte de Haimont**. This Frenchman has double-pink flowers mottled with white—and very pleasant they are. Matures with a bushy head at 10 to 12 feet. Shipping plants 18 to 24 inches, and lots of roots.

Each \$2.25, Three \$6.50, Doz. \$22.50

A. **Jeanne d'Arc**. Semi-double white flowers in great profusion.

Each \$2.25, Three \$6.50, Doz. \$22.50

A. **rubris**. Very floriferous single red flowers are the feature here, if it's red you want. Height: 10 to 12 feet. Shipping plants are 18 to 24 inches, with heavy root systems.

Each \$2.25, Three \$6.50, Doz. \$22.50

A. **totus alba**. Another excellent bushy plant with single white flowers. Grows to 12 to 14 feet. Shipping plants 18 to 24 inches, heavily rooted.

Each \$2.25, Three \$6.50, Doz. \$22.50

A. **Lucy**. Double rose-red flowers. Blooms in August.

Each \$2.25, Three \$6.50, Doz. \$22.50

ALTHEA ROSEA. That's the botanical name for Hollyhocks, one of the most desirable garden plants nature ever invented. These beauties should be planted in a clump close to every New England house (it's a New England fixture and a native American). And Hollyhocks are just as lovely seen through the glass walls of today's modern houses. The plants reproduce from seeds in profusion. These are all doubles. Order by color: shades of scarlet, yellow, pink, and pure white. (Be sure to note: These are unbloomed seedlings, year-old field grown clumps. You may get some colors you don't think are right, but that's nature's fault, not ours; so we do not guarantee color.) Spring shipment.

Three \$1.35, Doz. \$4.80

Hollyhock Mixture. Six plants, our selection \$2.50, Doz. \$4.50

ALYSSUM (Basket of Gold). Plant in ordinary, well drained soil. Use in groups of three in the rock garden or as border edging. Blooms with tulips. Spring shipment.

***saxatile citrinum**. Clusters of pale yellow flowers. Each 90c, Three \$2.50, Doz. \$9.00

***saxatile compactum**. Ditto, but bright yellow flowers. Each 70c, Three \$2.00, Doz. \$7.25

AMARYLLIS, Warmenhoven Strain. (Not hardy) Our

Viola



plant buyers first convinced the Warmenhoven family to ship bulbs in quantity to the U. S. seven years ago. We now import practically all the top-size bulbs (circumference: 11" up) Warmenhoven will sell in this market. It is not unusual for these huge bulbs to produce eight 8-inch blooms. Many throw twelve blooms. Every bulb is guaranteed to bloom the first year. Potted Warmenhoven Amaryllis make excellent Christmas gifts for those lucky people who have everything. Cultural directions are enclosed in each order. Shipped from November through April.

	Potted	Unpotted
White	\$6.50	\$5.50
Shades of Dark Red	\$6.50	\$5.50
Shades of Scarlet	\$6.50	\$5.50
Shades of Pink	\$6.50	\$5.50
Shades of Salmon	\$6.50	\$5.50
Rose and White	\$6.50	\$5.50

ANCHUSA (Alkanet). These charming early bloomers belong to the Forget-me-not order. They like a deep, well-drained soil, not too heavy. They do best in full sun. Spring shipment.

A. Dropmore. Blue flowers on 4 to 5 foot spikes. Blooms all summer. Use single specimens or in groups of three about 18 inches apart. Each 95c, Three \$2.70, Doz. \$9.50

***A. Myosotidiflora.** Clusters of flowers resembling Forget-me-nots in May-June. Likes semi-shade or sun. 12 inches. Never plant less than three of this fine dwarf. Generally shipped in spring. Each 95c, Three \$2.70, Doz. \$9.50

A. Pride of Dover. Another new import that is a must for lovers of blue. Dover's pride is a darkish sky blue. It's a 4 foot, back-of-the-border plant.

Each \$1.10, Three \$3.00, Doz. \$11.00

A. Royal Blue. This new plant has been eyed jealously by nurserymen who have watched it these past three years in our test gardens. It's the only plant we ever have taken orders for on a four-year delivery basis. Its growth and habit are quite different from most Anchusa. Royal Blue is pyramidal in shape and grows to 3 feet. The royal-blue color is just as intense as you imagine it to be. Each \$1.50

ANEMONE—See Pulsatilla vulgaris.

AQUILEGIA (Columbine). These strains are all hybrids, long-spurred. They make excellent cut flowers, bloom over a period of 4 to 6 weeks beginning in early June. Use ordinary cultural procedures. All columbine are strong field grown clumps. Shipped spring or fall.

chrysantha. Pick any Aquilegia you can find, show it to us—and, well, we swoon. Maybe swooning is a word a bit strong (or downright silly) to use in describing our delight with this fine perennial, but Aquilegia of any variety to us can do no wrong. They are tough and last a long time, they are compact, strong enough not to require staking, and the flowers of any are lovely dancing things, ever fascinating. This one is similar in growth and form to chrysantha Silver Queen, but instead of being white—it's a deep golden-yellow.

Each 95c, Three \$2.70, Doz. \$9.50

chrysantha Silver Queen. Pure white. Height: 24-30 inches.

Each 95c, Three \$2.70, Doz. \$9.50

Crimson Star. Long crimson spurs, centers white tinged with red.

Each 95c, Three \$2.70, Doz. \$9.50

Langdon's Rainbow Hybrids. Finest English strain of very long-spurred Columbine. Colors are bright. These hybrids are unusually beautiful and quite rare. 30 inches tall. Mixed colors only. Three \$2.15, Doz. \$7.50

McKana Hybrids. New bold colors in Aquilegia. Foliage is lacy on these 30 inch plants.

Three \$2.15, Doz. \$7.50

Mrs. Nichols. Blue and long-spurred. Except for its 30 inch height, the plant is a dead ringer to the lovely Columbine native in the high Rockies.

Each 95c, Three \$2.70, Doz. \$9.50

Mrs. Scott Elliott Hybrids. Colors range through pastel shades of lavender, blue, red, pink, cream, white. Mixed colors only. Three \$2.15, Doz. \$7.50

ARABIS (Rock-Cress). Useful plants for carpeting dry walls or banks. Arabis forms broad mats of ever-green foliage fairly smothered under bloom in early spring. Does well in sun or shade. Spring shipment only, but Arabis should be bought locally if possible because they are extremely difficult to ship. Because of this we cannot accept responsibility in getting these plants to you.

***alpina.** Dense masses of pure white flowers from April until June. Excellent for the rockery and front of the flower border. 6 inches. Each 90c, Three \$2.50, Doz. \$9.00

***flore pleno.** Double form of Alpina and equally long lasting. Each \$1.00, Three \$2.80, Doz. \$10.00

***Pink Charm.** Same as above except bright pink flowers. Each \$1.00, Three \$2.80, Doz. \$10.00

ARENARIA (Sandwort). This genus of about 150 species grows in sand (arena) over the Northern Hemisphere. They like well-drained gritty soil. Arenaria can be propagated easily by division and are ideal for rock garden work. Shipped spring or fall.

***A. verna caespitosa.** A very prostrate grower. Its foliage forms a dense green carpet, which is starred with tiny white flowers rising an inch or so above the green in May. Ideal for rockeries. Use it between paving stones or cracks in the terrace. Each 85c, Three \$2.45, Doz. \$8.95

Notes, Continued

be pretty odd behavior for a normal fellow, and more than once his two operating associates, David Smith and Ian Waters, said, "What on earth has gotten into Harold?" Being a curious fellow and quite forward, we asked him the reason for this behavior but his answer usually was, "What ho; oh, that. Nothing. Just a drill on testing, I guess you'd call it." (He's quite English, as is Smith. Waters is a Scot, in case you'd like to know.)

The reason for Calverley's odd behavior was revealed as we started putting this edition to press. Calverley had fallen for fragrance. He, as we all had, had read Katherine White's spring article in The New Yorker about garden catalogues. Now a writer needs a theme worse than a baker needs flour, and last spring Mrs. White picked as her theme fragrance in plants. She pointed out that nurserymen like ourselves were abdicating duty when they did not describe the fragrance of a flowering plant—worse was a description of a plant with no fragrance without calling attention to this lack. Mrs. White pounded the tar out of fragrance and nurserymen who didn't have the good manners to report on fragrance.

Mrs. White did not go so far as to say that such nurserymen are not themselves fragrant, which is true generally, but she came close. Anyway, she made a lasting impression on our Mr. Calverley. He spent the entire summer with his nose in the air cataloguing the fragrance of we don't know how many flowers. And he wanted us to key each plant and rewrite every description with a special emphasis on fragrance. It's a good idea but something we could not undertake this year. We promised to work the necessary data in over subsequent issues. Calverley was a bit crestfallen at this. Then he came up with a fragrance table which his colleagues agreed to print and send to anyone interested. Just write Harold Calverley, White Flower Farm, enclose a stamped addressed envelope and his Fragrance Table will be sent post haste. Our hope is that Mrs. White doesn't choose flowers—that-humming-birds-nuzzle as a theme, or butterflies—horticultural life here is complicated enough as it is.

Joint responsibility

Here information for the several thousand gardeners who only recently have asked for our Plant Book. It is offered so that they will be better informed about this nursery—about what they can expect from it, and, equally important, what White Flower Farm expects from people who are thinking about doing business here. This last remark is not the least impish—the relationship between customer and supplier in this business is important to establish early, because both of us are dealing with living plants out of their natural environment and both of us have an equal responsibility to see to it that the best possible care is given these plants.



Lonicera



Weigela

ARISTOLOCHIA. Here are climbers from a huge family of plants found all over the world. All species grow in any good loam in a well-drained location. They usually reach a considerable height before flowering. Practically all leaf out so thickly that they form dense shade, but pruning back heavily does no harm. We can supply many of the non-hardy types from English affiliates, but a year or two is required for delivery of these rarities. Shipped spring or fall.

A. macrophylla. This well known U.S. native (also called *A. Siphon*) is commonly known as Dutchman's Pipe because of the curious brownish pipe-shaped flowers that bloom in June on plants that have been in place about two years. *Macrophylla* makes a dense green screen for porches or pergolas, will grow to a maximum of 30 feet. As it climbs by twining some assistance must be given the plant in the form of wire or lattice supports. The plant is particularly good to use as a green sheet to cover an undesirable upright surface. In full bloom it is a lovely sight. Each \$2.25, Three \$6.00

***ARMERIA.** (Sea Thrift) A family of dwarf perennials with grassy leaves having a tufted habit of growth. They are evergreen in most climates. Flowers are borne on globular heads. *Armeria* is useful as an edging plant; is ideal for the rockery. It grows best in a dry, sandy soil in full sun. Plant about a foot apart. Shipped spring or fall.

***A. Bee's Ruby.** Originated at Bee's, a famous English nursery. Foliage is evergreen and low-tufted. Flowers are a rosy-carmine on 18-inch stems.

Each 90c, Three \$2.50, Doz. \$9.00

A. maritima alba. Very dwarf. The white globe-shaped flowers appear on 4 to 6 inch stems in late May and June.

Each 90c, Three \$2.50, Doz. \$9.00

***A. maritima Lancheana.** This variety is a dwarf — up to 6 inches. Flowers are deep pink in dense heads.

Each 80c, Three \$2.25, Doz. \$8.00

ARTEMISIA. Silver Mound. The silvery-gray fern-like foliage is very attractive and so is the plant's form, which makes a mound about 6 inches high and 12 inches or more across. Excellent for edging. *Artemisia* demands full sun. Spring shipment. Each 95c, Three \$2.70, Doz. \$9.50

ASPERULA. A genus of about 80 species of herbs (sometimes small shrubs) that are native to Europe, Asia,

and Australia. Flowers appear in terminal clusters, and although individual blooms are small the clusters produce an excellent show. Most varieties are excellent for the rockery; they grow in almost any garden soil.

A. odorata. This herb can be used for flavoring wine (home-made wine, never vintage), but its principal value is as a ground cover. Or use it in the crevices of walks or terraces — stepped on, the leaves exude a very pleasant perfume. It's also valuable as an edging plant. What more can be asked of a plant?

Each 90c, Three \$2.50, Doz. \$9.00

ASTERS (Michaelmas Daisies). We find it strange that American gardeners show so little interest in this lovely flower. Perhaps this is because the wild form is not very pretty and is a weed in much of the country. But these new hybrids, nearly all developed in England, are best sellers in Europe, and they should be here. Not only are the new hybrids quite beautiful, but they grow in any soil; stand up under the toughest treatment. They require full sun and lots of water. There are scores of varieties: these have the best colors and habits of growth. Shipped spring or fall. Most varieties are new developments from England.

Ada Ballard. A lovely lavender-blue shade; each semi-double flower measures 2 inches across. 36 inches.

Each \$1.10, Three \$3.00, Doz. \$11.00

Blue Radiance. A new English import for those who like light blue in Asters. Flowers are over 2 inches in diameter, petals finely cut. *Blue Radiance* has an exceptionally long blooming season and for that reason, if no other, it should be used.

Each \$1.25, Three \$3.50, Doz. \$13.00

Chequers. Chequers is a spanking new English import. It's a dwarf—just 2 feet high—and is enclosed completely with rich violet-purple blooms.

Each \$1.10, Three \$3.00, Doz. \$11.00

Connie Thrower. Because this new Aster is semi-dwarf (18 to 24 inches) it does not require staking. A blessing. Flowers are violet-blue, and they cover the plant.

Each \$1.25, Three \$3.50, Doz. \$13.00

Coombe Violet. This new Englishman won an Award of Merit from the Royal Horticultural Society in last year's trials. Flowers are an intense violet-purple, semi-double. Height: 4 feet. Each \$1.25, Three \$3.50, Doz. \$13.00

Crimson Brocade. The finest crimson-red. These well-shaped, bushy plants are covered with medium-sized semi-double flowers. 36 inches. Each \$1.25, Three \$3.50, Doz. \$13.00

David Murray. This new import is another fine addition to our collection of English Asters. This variety has large lilac-pink semi-double blooms. It is compact in growth—rarely more than 3 feet high. During the three year test period (which all our imports must pass), this one has been highly praised by people in and out of the trade.

Each \$1.10, Three \$3.00, Doz. \$11.00

Erica. Scottish heather shade. Masses of smallish semi-double flowers on 30-inch stems.

Each 95c, Three, \$2.70, Doz. \$9.50

Ernest Ballard. Call these 2-inch, semi-double flowers, which are produced profusely, a rose-carmine or a crimson-pink, and you'll get some idea of how vivid they are.

The plant itself grows strongly to about 3 feet.

Each \$1.00, Three \$2.80, Doz. \$10.00

Eventide. The flowers are large semi-double of gentian blue. A sensation for lovers of blue.

Each \$1.00, Three \$2.80, Doz. \$10.00

Fellowship. Another 1960 beauty. Its flowers are a clear light pink; they are of exceptional size and fully double. Furthermore, its habit of growth is good—bushy and rarely over 3 feet high. If you like pink Asters, this one is more than tempting.

Each \$1.25, Three \$3.50, Doz. \$13.00

Frikart. A summer-flowering Aster in bloom from late June until frost, and therefore highly desirable. It is lavender-blue in color and produces flowers 2-2½ inches across. Excellent for cutting. Each \$1.25, Three \$3.50, Doz. \$13.00

Glorious. This is the kind of deep pink most people call dusty-pink, a most useful color particularly when accented with yellow. Well sir, that is exactly what happens as *Glorious* unfolds its fine blooms. In the young stage blossoms are fully double. Then, as the bloom ages, it shows a fine yellow eye. It is a compact plant and grows to about 3 feet. New.

Each \$1.00, Three \$2.80, Doz. \$10.00

Harrington's Pink. Pure pink blossoms in profusion on 4 foot stems. This variety should not be divided each year, but left undivided until it crowds.

Each 85c, Three \$2.45, Doz. \$8.75

Julia. This variety is new. *Julia* is a big girl — she will grow strongly in the back of the border to 4 feet. Flowers are large and semi-double. Color is a pale lilac-pink. A beauty.

Each \$1.25, Three \$3.50, Doz. \$13.00

Lassie. Flowers are large and double, and the color is the kind of lovely soft pink generally associated with lassies. A bouncy little girl of 3 feet.

Each \$1.25, Three \$3.50, Doz. \$13.00

Mabel Reeves. Here is a new (1960) deep-pink variety with extremely large flowers—2 inches and over in diameter. They are fully double. The plant, a vigorous fellow, keeps its bushy form even though it grows to about 3 feet.

Each \$1.25, Three \$3.50, Doz. \$13.00

Marie Ballard. This 3-foot Aster is a delight. It's a powdery-blue, and the flowers are fully double when they first open. Later the eye develops, showing gold. For quality this variety is not likely to be surpassed for a long time. We introduced *Marie Ballard* two years ago, had to remove it from sale last year to save plants for prop

ating. We hope you are glad it's back. We are.

Each \$1.10, Three \$3.00, Doz. \$11.00

Melbourne Magnet. Now there's a silly name for this 3½ foot plant that is covered with soft blue, semi-double flowers. It's brand new from England, name and all.

Each \$1.10, Three \$3.00, Doz. \$11.00

Mistress Quickly. This 3 to 3½ foot new import is smothered with deep purplish-blue flowers. No, it's not magenta, it's a color you'll like.

Each \$1.10, Three \$3.00, Doz. \$11.00

Mount Everest. Flowers are pure white and semi-double on this profuse bloomer which reaches a height of about three feet.

Each \$1.00, Three \$2.80, Doz. \$10.00

Napsbury. Large rich blue flower with orange center borne on sturdy stems. Blooms from May until July. Excellent cut flower, 18-24 inches. Each 90c, Three \$2.50, Doz. \$9.00

Patricia Ballard. This lovely new (1960) pink Aster has a wine overcast which makes it very unusual. Flowers are fully double in the young stage, a yellow eye appears as the flowers age. About 3 feet high.

Each \$1.25, Three \$3.50, Doz. \$13.00

Peerless. The color of the blooms (call them three-quarters double) on this new (1960) Aster is a most satisfactory light silvery-lavender. Put them in the back of the border for they grow to about 4 feet.

Each \$1.25, Three \$3.50, Doz. \$13.00

Picture. This new arrival from one of England's finest nurseries is very late flowering. The semi-double flowers are large and are brilliant carmine with a gold center. It grows to 4 feet and makes a fine cut flower.

Each \$1.25, Three \$3.50, Doz. \$13.00

***Prof. Kippenberg.** New Introduction. Compact globe-shaped plant with dark green foliage. Flowers of brilliant pale blue completely cover the plant in August and September. 15 inches. Each \$1.00, Three \$2.80, Doz. \$10.00

Roland Smith. The large semi-double flowers are what many consider Petunia-pink—dark, nearly dusty-pink. They seem to defy the bleaching power of the sun. 3 feet.

Each \$1.00, Three \$2.80, Doz. \$10.00

Twinkle. This new (1960) variety makes a splashy bright claret-red accent in the border. Blooms come literally by the thousands on well-grown plants. Twinkle's are fully double. The bushy plant grows to 3 feet.

Each \$1.10, Three \$3.00, Doz. \$11.00

Aster Collection. If you are not acquainted with these lovely "bridge plants," so-called because they form a flowering bridge between Phlox and Chrysanthemums, this collection is a good way to get acquainted. Six plants, two of them the expensive new importations, \$5.95. Twelve plants, five of them the newer imports, \$9.95.

ASTILBE (Spiraea). A good hardworking plant for the border. It throws pleasant flowers in June and July, then bushes out with decorative foliage. It grows anywhere in full sun, in any soil. Use in groups of three in the foreground. Shipped spring or fall.

Avalanche. Pure white flowers on 18-inch stems. Deeply cut dark-green foliage. Each \$1.10, Three \$3.00, Doz. \$11.00

Bremen. This salmon-carmine variety gives a wonderful show. It is extremely robust; spikes go to about 2 feet.

Each \$1.10, Three \$3.00, Doz. \$11.00



Astilbe

Deutschland. The best white we have seen. It is a very vigorous and compact plant. Flower spikes are 2 feet tall.

Each \$1.10, Three \$3.00, Doz. \$11.00

Europa. Here you have spikes (18 to 24 inches) of clearest pink, and typically dense foliage.

Each \$1.10, Three \$3.00, Doz. \$11.00

Fanal. Brilliant carmen-red flowers. Foliage a dark reddish green. 18 inches high.

Each \$1.10, Three \$3.00, Doz. \$11.00

Peach Blossom. A mighty fine clear light rose color makes this Astilbe quite different. Spikes are very heavy with flowers. Foliage is thick and sturdy. Height: 18 to 24 inches.

Each \$1.10, Three \$3.00, Doz. \$11.00

Red Sentinel. The richest and brightest red garden Spiraea. The plant has finely cut reddish-green foliage. 24 to 30 inches.

Each \$1.10, Three \$3.00, Doz. \$11.00

Rheinland. This very vigorous variety grows to an erect 2 feet in most locations. It is carmine-pink.

Each \$1.10, Three \$3.00, Doz. \$11.00

AVENS—See Geum

AZALEA. Hardy Azaleas with brilliant coloring and huge blooms were not available for Northern gardeners until the famed Exbury Strain was developed in England. These deciduous Azaleas were developed at Exbury, the estate of the late Mr. Lionel de Rothschild. They are related to the Mollis and Ghent types, but harder than either. Unlike Mollis and Ghent, Exbury Strain colors are vivid, blooms are huge, many are attractively and brilliantly blotched. The named varieties are propagated by "layering", a slow and tedious process. Unnamed

Notes, Continued

White Flower Farm has always assumed lots of responsibility, but without the kind of devil-may-care guarantees that one sees advertised in this industry regularly. We mean those guarantees that state blithely, "If this plant doesn't grow for any reason we will replace it." That kind of guarantee we have no truck with. Even if offered to entice non-gardeners into becoming gardening devotees, we submit that it is no way for new gardeners to begin this pleasant avocation, for they'll never know the true rewards of gardening if they depend on some silly guarantee to make their stuff grow.

Our responsibility is to get top-grade plants to you—alive and ready to grow, and this is no small responsibility. It starts in the field. We use planting methods that carefully spread roots (instead of bunching them) in order to get the strongest possible root system. Constant care and regular irrigation after planting produces the root system. Upon digging for shipment we select optimum-sized plants, not the biggest—that's the more difficult size to transplant—and certainly not scrawny little fellows bereft of roots. In shipping we use the proved methods of English nurserymen—plants individually wrapped, tops fluffed out and protected from the damp moss surrounding the roots, the whole thing cradled to keep the plants from shifting and breaking. These growing, grading and shipping methods take lots of hard work, but they usually get plants to you in growing condition. That's White Flower Farm's guarantee. When our worst enemy, slow transportation, enters the scene and plants get to you in miserable condition, we replace them immediately.

Your responsibility to these plants, which do not like living out of the ground one whit, is simply this—get them in the ground at once, start them growing and give them the care of a good plantsman. You may have other things to do and in doing them neglect these newly-arrived plants. If you fail to handle them quickly and they die, we are as sorry as you are, but you'll know the reason for the failure. On the other hand, there will be times when the plants look fine upon arrival, you plant them quickly, but the things start to wilt and then collapse. In this instance something unforeseen has happened, something certainly not due to lack of diligence on your part. So what happens? We assume that the fault is ours. Advise us. We credit or replace. To put it another way: we protect you against any contingency not of your own making. Fair? You may be interested in knowing that White Flower Farm's gardeners help us establish the lowest replacement rate in the industry year after year. So gardeners have been successful with original shipments, not disappointed or committed to more work in handling replacements.

varieties are raised from seed saved from hand-pollinated crosses of the best varieties, and each of these is a true and fine hybrid. Shipped spring or fall.

Exbury Named Varieties. We've kind of polished off the descriptions of these fine plants with a word or two as a guide to color. You'll never regret buying one, and you may chide yourself later, as one of our customers did, for not buying more. This Bryn Mawr lady said, "I should have believed you, now one will be bigger than the other two you are sending, and just because I had to see with my own big eyes. I did."

- " **Aurora.** Salmon-pink with orange blotch.
18-24 inches. \$10.00
- " **Balzac A. M.** A vivid red. 18-24 inches. \$10.00
- " **Brazil.** Tangerine in color. 18-24 inches. \$10.00
- " **Cecil.** Salmon-pink with yellow blotch.
15-18 inches. \$10.00
- " **Hotspur A. M.** Flame colored. 18-24 inches. \$10.00
- " **Klondyke.** Golden-yellow. 18-24 inches. \$10.00
- " **Nancy Buchanan.** White with a yellow blotch.
18-24 inches. \$10.00

Exbury Seedlings, Trodd's Copse. If named Exburys are too rich for your blood, these hybrid seedlings (hand-pollinated crosses) are not. All are beautiful, many should be named. Order by color: Shades of yellow, reds, pinks, or orangey-russet (apricot to some people), nearly all blotched golden at the throat. 15 to 18 inches \$6.00 each, 18 to 24 inches \$7.00. Shipped balled-and-burlapped only.

Exbury Seedlings Mixed. Although some of these seedlings are budded, we've never seen them bloom. You pay your money and get what nature provides. Whatever the color the thing will be beautiful. 12 to 18 inches \$5.00 each. Shipped balled-and-burlapped only.

BABY'S BREATH—See Gypsophila

BALLOON FLOWER—See Platycodon

BASKET OF GOLD—See Alyssum

BASKETS. For some reason our customers find it difficult to buy baskets. They can buy baskets already planted, like the Fuchsia, Lantana, Begonia and other basket plants they see here, but not baskets as baskets for their own trailing plants. Here are two kinds, both of which we have found satisfactory.

Redwood Baskets. These are made of long-lasting redwood slats wired together with aluminum wire. The hangers go to each of the four corners. 12 inches square at the top, about 8 inches at the bottom. No moss is required, just fill them with good garden loam. Each \$4.00

Imported Wire Baskets. This is the traditional potting receptacle for trailing plants. The wire is heavily galvanized and will last 10 years or more. We also supply enough sphagnum moss with each basket to line it—and instructions. Each \$4.75 with moss; \$4.50 without moss.

BAYBERRY—See Myrica Pennsylvanica

BEARD TONGUE—See Penstemon

BEAUTY BUSH—See Kolkwitzia

BEECH—See Fagus

BEGONIA. Tuberous-rooted type. Not hardy. These lovely flowers have increased enormously in popularity over the years with the result that the quality of tuber or bulb now being marketed varies enormously. Except the culture of named-varieties (from cuttings) by a very few fine nurseries (principally in England and Germany), all Tuberous Begonia bulbs are raised from seed, so the range is great to begin with, as no two can ever be exactly alike. Moreover, bulbs from seed vary in size from huge things 4 inches or more in diameter to an inch or smaller. In this instance, mere size constitutes the bottom of the market in quality—blooms from huge tubers are generally puny. The size of bulb which will produce the kind of spectacular blooms a gardener deserves are between 1½ and 2 inches in diameter, and thick. But more is required from bulbs than correct size, they must be raised from hand-pollinated seed and then carefully selected for color. We have tested practically all growers of bulbs from seedlings in this country and abroad. Year after year the seedling tubers from Vetterle of California out-perform the rest by such a wide margin, that we offer nothing else in seedling tubers from the U. S. All tubers from seedlings are specially selected for us from the Vetterle crop.

For several years White Flower Farm has imported the great named-variety Tuberous Begonias from England's Blackmore and Langdon. These are now propagated from cuttings in our Greenhouse No. 2, the only culture of this kind that we know of in America. Greenhouse No. 2 is a breath-taking sight from late June onwards with several hundred mother plants in bloom. You are cordially invited to visit the area.

Tubers of all the following types are shipped in February and March.

- T. **Begonia. Rose Form from seed.** This form is the result of more than twenty years of Vetterle breeding; blooms look like great roses. Colors are wonderfully delicate. Order by color: White, Shades of Dark Red, Shades of Scarlet, Shades of Pink, Shades of Salmon, Shades of Yellow, Shades of Apricot. Tubers are fat, 1½-2 inches in diameter, specially graded and selected for White Flower Farm. Each 65c, Three \$1.80, Doz. \$6.50. (Please give second and third color choices.)
- T. **Begonia. Picotee coloring in Rose Form from seed.** Here the newest of Vetterle's great strain of Tuberous Begonias. The base color of the delicate Picotee form blends to a much darker tone on the edge of the petals. Flowers are huge. Picotee stocks are quite limited this year. Please order by color: Shades of Red, Shades of Pink-Rose, Shades of Salmon, and Shades of Apricot. Tubers are fat, 1½-2 inches in diameter, specially selected. Each 65c, Three \$1.80, Doz. \$6.50. (Please supply second and third color choices.)
- T. **Begonia. Ruffled Camellia Form from seed.** This is also a



Begonia

new form of Vetterle breeding and quite scarce. The flower is Camellia-shaped and huge; petals are heavily frilled, ruffled or scalloped. This type makes the best cut flower. Order by color: White, Shades of Pink, Shades of Red, Shades of Scarlet, Shades of Yellow, Shades of Apricot, and Shades of Flame. Prime tubers, 1½-2 inches in diameter, specially selected. Each 65c, Three \$1.80, Doz. \$6.50. (Please supply second and third color choices.)

- T. **Begonia. Hanging Basket Form from seed.** Flowers are smaller than Rose or Camellia types and in clusters, but in great profusion. Nothing, repeat nothing, is as beautiful, and all anyone needs to be successful is the special location these charmers require. They need lots of light (little or no direct sunlight), water, fertilization, in a wind-free place. Patios are ideal. If you can't accommodate a hanging basket, plant a pot with three tubers, put it up high, and the lovely flowers will cascade to the ground. Do anything you can to grow them—they are tremendously rewarding. Order by color: White, Shades of Pink, Shades of Crimson, Shades of Salmon, and Shades of Yellow. Tubers are fat, 1½-2 inches in diameter, specially selected.

Each 85c, Three \$2.45, Doz. \$8.75

B. Blackmore and Langdon Originations. These hybrids by the world-famous English nursery, Blackmore and Langdon, are of a quality we have never seen equalled. Each tuber is produced from cuttings. No sense in talking about the size of these Camellia-form flowers; you wouldn't believe it. These tubers should only be ordered by serious gardeners or Tuberous Begonia experts who will take the time and care to propagate them from cuttings. We supply complete directions for both growing and



Kolkwitzia

propagating these extremely rare plants.

Charmain. Purest pink with lovely large-flatish flowers. The plant becomes rather tall as the season advances and requires staking. It has an open rather than a compact form. Each \$6.00

Diana Wynward. This extremely free-flowering plant produces about the largest pure white double blooms you will ever see. It has an R.H.S. Award. Each \$6.00

Everest. This Begonia (you guessed it) is white, fully double and free-flowering. It differs from Diana Wynward in that blooms are ruffled like a carnation. Each \$5.00

Flambeau. A vivid orange flowering plant liked even by people who don't ordinarily like orange. Blooms, as usual, are very large; stems strong; growth open. Each \$4.00

Frances Powell. Huge and very deep pink flowers on stems that are exceptionally strong. This plant grows fast and is very sturdy. It also can be propagated easily. Each \$3.00

Harmony. This blush-pink picotee variety is a favorite among visitors to our propagating range. Even though blooms are large, Harmony's coloring is extremely delicate, shading from lightest pink to light pink. Each \$5.00

Kismet. Here a most unusual color combination—softest of apricot with a distinctive picotee edge of blending rose. Kismet is a recent B&L introduction; scarce. Each \$9.00

Olympia. This remarkable plant stopped people in their tracks last year. The huge, perfectly shaped flower is the brightest shade of crimson-scarlet imaginable, a new break in vivid color. The foliage has pronounced green overlays. Olympia, a new B&L origination, has an RHS Award. It is very scarce, and will be for a number of

years.

Each \$10.00

Prince Hal. This fellow is a bi-color—rose shading to salmon. It is free-flowering. Each \$6.00

Rhapsody. This is considered the best of the salmon pinks. It is also an easy one to propagate. Each \$6.00

Sam Phillips. This is the best yellow in the B&L Begonia Series. It's a little darker than lemon-yellow, not a harsh color. Propagates heavily. Each \$9.00

Yellow Sweetie. This new B&L Begonia is yellow, a very pale yellow, and it is delicately scented. It is the first Tuberous Begonia variety ever to smell like a flower. It is an upright grower with very pendulous blooms that literally cover the plant. Each \$6.00

Blackmore & Langdon Pendula. Over the past four years our large (No. 2) greenhouse has been dripping with B&L hanging basket begonias. They are true hangers, not weak uprights. Most are fully double and very floriferous. They bloom constantly until frost. We shall now be able to offer some of them for sale—at the nursery only—in partial or full bloom from July on. But you can grow them as well as we can, so order the bulbs. Please do it at once and get them started early. Culture: Same as upright Tuberous Begonias, except that Pendula type are more sensitive to moisture. Use shallow containers—redwood or wire hanging baskets. (We have both—see Baskets.) Tubers, which do not produce more than two runners at the beginning of the season, should have the tips pinched out when first buds appear. This will make them bushy. Water carefully—never so much that they become soggy, never so little that they become dry. Baskets must be hung in a location free of wind. Like other Begonias they like lots of light, hate direct sun. You will note that descriptions of the following varieties are limited to color. One is as beautiful as the other in form and in the ability to produce masses of flowers. Please give us a second color choice.

Blanche. Pure white. Each \$3.00

Dawn. Buff-yellow. Each \$3.00

Irene. Pink. Each \$2.00

Lena. Deep rose-pink. Each \$3.00

Mollie. Blush-pink. Each \$3.00

Roberta. Deep scarlet. Each \$2.00

Scarlet Glow. Brilliant scarlet. Each \$2.00

Begonia Stakes. Most Tuberous Begonias have flowers too heavy for their stems to support. They hang down, and their beauty is apparent only from a worm's eye view. These supports, made specially for Blackmore and Langdon in England, are expandable, their U-shaped tops are wrapped in yarn to cushion the stem. They certainly make a Begonia bed look perky, and for show work, they are indispensable. They last indefinitely. Size 1 expands from 10 to 15 inches; Size 2 expands from 14 to 22 inches; Size 3 expands from 20 to 34 inches. Each,

Notes, Continued

Down to the essentials

It's hard to believe, but we actually have more kinds of plants available at the Sales Center than are listed here. These are mostly trees and shrubs. In the past we have listed much of this material, but last year we started to de-list it, even though it had proved to be profitable. Now why on earth did we cut out this perfectly good business? The answer is that over the years whole families of flowering Apples and Cherries, Maples and Oaks, to name a few, had crept into the list. Why? We don't know. But they really had no business in a White Flower Farm Plant Book, for they were largely well-known varieties available nearly everywhere by mail order or from good local nurserymen.

Now this kind of stuff is usually large and is expensive to ship and should be bought as close to home as possible to save money. And because it's large it is hard to transplant unless moved quickly. As we ship nationally, it obviously made no sense to ship these big trees a thousand miles or more, but if we listed it, and then refused to ship, customers naturally got irritated. So we de-listed it as mail order material, but continue to carry it (in a wide selection) for those who come to the nursery. You'll find these trees and shrubs all growing neatly in containers—you can't have a failure with them without trying very hard. Today the Plant Book lists only those trees and shrubs that are usually difficult to buy elsewhere and can be produced in sizes that can be shipped economically. We are down to the essentials now in this kind of material. Let's point a finger at a few of them.



The Lovely Exbury Azaleas

About eight years ago two White Flower Farm partners spent the spring in England and for the first time saw Exbury Azaleas that had been produced from a myriad of crosses between Mollis and Ghent by Lord Rothschild at his lovely English estate called Exbury. Since then we've been bringing them over in named and unnamed varieties, and now, praise be, we are not alone in our praise of this gorgeous shrub—which is so beautiful that we have discontinued Mollis and Ghent types. (Exbury Azaleas are also completely hardy. We have yet to lose one on this Berkshire hill where 20 or even 30 degrees below zero F. is not unusual.) Happily for gardeners everywhere, some mail order nurseries now handle these fine plants.

Unhappily, the admen have taken over the promotion

regardless of size, 25c.

BELLFLOWER—See Campanula

BERGAMOT—See Monarda

BERRIED SHRUBS—See Winter-Berry Shrubs

BIRD FOOD—See Winter-Berry Shrubs

BITTERSWEET—See Celastrus

BLANKET FLOWER—See Gaillardia

BLEEDING HEART—See Dicentra

BLUE SPIRES—See Caryopteris

BOSTON IVY (small leaved)—See Parthenocissus

BOTANICAL TULIPS—See Tulipa

BOXWOOD—See Buxus

BROOM—See Cytisus

BUDDLEIA (Butterfly Shrubs). An eminently satisfactory shrub that makes a quick growth and blooms the first year. Buddleias do not show signs of growth until late spring or until the weather has become quite warm—so don't worry if they don't shoot stalks quickly. It is true that butterflies are attracted to them. These are the best varieties. Shipped spring or fall.

alternifolia. A graceful, small-leaved shrub with long arching branches wreathed in early summer with delicate lilac flowers which are fragrant. A twiggy form that does not die back in winter. Eventual height: about 8 feet. 12 inches, small earth ball. Each \$3.95

argentea. This late spring-flowering shrub has its branches wreathed with mauve flowers, and its foliage has a silvery sheen. Argentea is somewhat smaller than alternifolia. It grows slower to a height of about 6 feet, does not die back in winter. Very rare. Can only be shipped in small plants with earth ball. Each \$4.95

Fascinating. Here the color is a soft pink with a touch of gold in the eyes. Keeps in water and the more it is cut the more it grows. Each \$2.50, Three \$7.75

Ile de France. This variety is the deepest purple Buddleia to come along—and very fragrant, too. Grows to about 4 feet. Each \$2.00, Three \$5.75, Doz. \$20.00

Princeton Purple. Sparkling imperial purple with a yellow eye. Each \$2.50, Three \$7.15

Princeton Red. A very fine and unusual red variety developed and originated at the great Princeton Nursery (wholesalers) in New Jersey. 4 feet.

Each \$2.00, Three \$5.75, Doz. \$20.00

Princeton White. This replaces other white Buddleias. Each \$2.50, Three \$7.15

BUFFALO GRASS—See Russian Buffalo Grass

BULBS—See Amaryllis, Chionodoxa, Clivia, (Convallaria), Crocus, Galanthus, Gladiolus, Hyacinth, Iris Reticulata, Lilium, Muscari, Narcissi, Scilla Sibirica, and Tulipa. Also, see Bulb Fibre.

BULB FIBRE. For forcing bulbs indoors in bowls there is nothing better than this material we have imported from England. Pebbles can be used, but they are hard to water; also, sometimes it seems that a particularly recalcitrant bulb just can't be stood upright in them. Not so with this Bulb Fibre. Not only does the stuff have just the right amount of nourishment for bulbs grown indoors, but there's no watering problem (if you do get in too much just tip to drain—tip pebbles and you've got rock all over the place). And the most top-heavy bulb stands as straight as a soldier. We send instructions. Sold dry. By the peck ($\frac{1}{4}$ of a bushel), \$1.95. Available from August through December.

BULBS, FORCING—See Forcing bulbs.

BUGLE—See Ajuga

BUTTERFLY SHRUBS—See Buddleia

BUXUS. The Boxwoods provide gorgeous sensual greenery, particularly English Box, which can be grown in this cold climate quite satisfactorily. Cold retards the growth of English Box, it doesn't hurt the plant. It is the snow and ice that are murderous—English Box is awfully brittle and heavy snow or ice plus wind ravage it. Cover it with a tent and you are all right. It's a great family, a slow grower, and should be used more in the north. Other Boxwoods are also valuable. Shipped spring or fall.

B. Welleri. Here is a Box that performs perfectly for us without pampering. Welleri is nearly as dense as English types. It is also a somewhat faster growing plant. If left alone, Welleri has a tendency to a pyramidal shape—judicious pruning will give you a lovely bulbous form. Shipping plants are 10-12 inches high, balled and burlapped only. Each \$5.50

CALYCANTHUS (Sweet Shrub) **floridus**. This pleasant shrub stays to a 4-5 foot height, spreads nicely. Its dark reddish-brown flowers are wonderfully fragrant. There isn't the least thing stylish or smart or new about Calycanthus, but its charm today is the same as it was when it was loved by your great great grandmother. We are proud to offer it. 18-24 inch sizes. Shipped spring or fall. Each \$2.50

CAMASSIA. This hardy bulb produces flowers that resemble Scilla of giant size. Quantities of star-shaped flowers appear on 2 to 4 foot stems and are long lasting. Blooming time about the same as Giant Breeder Tulips. These bulbs can be used for naturalizing or in border plantings. Shipped in September.

Cusickii. Soft blue, tall and free flowering. Doz. \$1.10, 25 \$2.10, 100 \$7.50

CAMPANULA (Bellflower). A fine group, all in white or blue shades and running from dwarf to 3 feet tall, that goes well in any border. Some bloom continuously from June to October. Culture is not difficult as they need only a moderately rich, well-drained soil. Generally shipped in spring.



Campanula

***carpatica**. It grows in compact tufts never more than 8 inches high and throws blue blooms vigorously all summer. A perfect edging for the border or rockery.

Each \$1.00, Three \$2.80, Doz. \$10.00

***carpatica alba**. A pure white form of the above.

Each \$1.00, Three \$2.80, Doz. \$10.00

garganica. Bright blue star-shaped flowers with small white eyes cover the plant's trailing stems in June. Ideal for the rockery. Best planted in partial shade. Height: 6 inches. Each \$1.10, Three \$3.00, Doz. \$11.00

persicifolia grandiflora alba. This is a 2-foot white.

Each \$1.00, Three \$2.80, Doz. \$10.00

persicifolia grandiflora coerulea. Same as above except bright blue flowers.

Each \$1.00, Three \$2.80, Doz. \$10.00

rotundifolia. Dainty blue bells from July until September. For the rockery, or use it to edge perennial borders. Plant in full sun or light shade. Height: 9-12 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Wedgewood. This is a new carpatica type and a great improvement over others. The plant is a dwarf, compact grower, with large deep blue cup-like flowers. Blooms from June until October. Height: 6-8 inches.

Each \$1.25, Three \$3.50, Doz. \$13.00

Wedgewood alba. A white form of Wedgewood and a welcome addition to White Flower Farm's collection of white flowering plants.

Each \$1.25, Three \$3.50, Doz. \$13.00

CANDYTUFT—See Iberis

CAROLINA LUPINE—See Thermopsis

CARYOPTERIS (Hardy Blue Spires). This is a low-growing shrub which blooms after most other flowering shrubs—from August until frost. It is covered with



Exbury Azalea

clusters of powdery-blue, fringed flowers. The plant is a nice rounded mound upon maturity—from 18-24 inches tall and about 2 feet in diameter. Foliage is lanceolated and silvery green. In very cold climates Caryopteris tops kill back to the roots. This doesn't hurt the plant at all—the new growth is luxuriant and it blooms heavily. Strongly rooted plants. Only shipped in springtime.

Blue Mist. Each \$2.00, Three \$5.75, Doz. \$20.00

CATANANCHE coerulea (Cupids Dart). Dainty cornflower-like deep blue flowers on stems rising above rosettes of foliage. Blooms from July to September. Spring shipment. Height 15-18 inches.

Each 80c, Three \$2.25, Doz. \$8.00

alba. White form of the above.

Each 95c, Three \$2.70, Doz. \$9.50

CATCHFLY—See *Lychnis*

CELASTRUS scandens (Bittersweet). This shrubby vine grows rapidly to 20 feet and more in height. The orange fruit opens and exposes red seeds in the fall. The fruit is fought for by birds, if, of course, there is anything left for them to fight over—gardeners many times get to them first to use as indoor "everlasting" decorations. Shipping plants 2-3 foot. Shipped spring or fall. Each \$2.25

CHAMAECYPARIS. This jaw-breaker name for False Cypress or White Cedar is pronounced chamie-sip-ar-us. The family also includes *Retinispora* and *Retinospora*, the names given to some of the juvenile

forms. The genus is a large one, and many of the more beautiful of these evergreens are not hardy north of Philadelphia. "Chammies," as they are called by our propagator, aren't really evergreen in the sense that they have needles, but their frondose branches are covered with small, nearly scale-like, closely pressed leaves that give them an evergreen look. They like lots of water but don't let their ankles get wet. *Chamaecyparis* are hard to find—most nurseries propagate only the easy-to-grow varieties and they're not so pretty. Several years ago we decided to grow several kinds and test them in our abominable winter. The cuttings we took from the Arnold Arboretum's fine collection have done beautifully, and we now have them in small sizes. Several varieties would make excellent plants for Bonsai planting. Chammies, of course, are generally used as specimen plants. In ordering, remember that our stocks are small and that if we can't deliver this season your order will at least move to the head of the line for delivery later. Shipped spring or fall.

***C. obtusa gracilis** (also called *nana*). Here is one of the most pleasant evergreen shrubs you will find for rock work. Its leaves (they are not properly called needles, but some think they are) are a shining very dark green. Plants are a bushy 6 to 9 inches. Each \$5.00

***C. pisifera filifera aurea.** This Japanese beauty is a very slow grower. Its foliage in summer is yellow and it keeps a golden color during winter. It is a low, densely set plant and it can be used in the rockery by keeping its roots pruned, or developed as a fascinating specimen. 12 inch spread. Each \$5.00

***C. pisifera nana** (also called *minima*). Here a dark green foliage, gray under the leaf. It can be held dwarf in the rockery by root-pruning. 15 inch plants. Each \$5.00

***C. pisifera plumosa aurea.** This beauty is golden in the spring, turns to green later on. Quite dwarf in this country. 12 inch plants. Each \$5.00

C. pisifera plumosa lutescens. We haven't marked this for the rockery but it is nevertheless quite usable there. The plant is conical, very broad at the base, and crowded with plume-like branchlets. Color is golden-yellow. 8 to 15 inch plants. Each \$5.00

C. pisifera squarrosa. Heavily branched. It spreads beautifully and makes a dense small tree or shrub. Leaves are blue-green with a silvery underside. 15 to 18 inch plants. Each \$5.00

CHASTE TREE—See *Vitex*

CHIONODOXA (Glory-of-the-Snow). Like *Crocus*, they bloom early, producing dwarf flower spikes with 12 to 15 flowers. Plant bulbs about three inches deep. Good for rockeries. 6 to 7 inches. September shipment.

Luciliae. Very delicate blue. Doz. 70c; 25 \$1.30; 100 \$4.00

CHIVES—See *Herbs*

CHRISTMAS ROSE—See *Helleborus*

of Exburys and they've chosen a variety of fancy names to give "newness" to these plants, which have been popular in England for more than a decade, and which we have been offering in the U.S. for more than five years. Some are called Rothschild Azaleas, others are de Rothschild (someone slipped here, for the English Rothschilds Anglicized their name long ago), others have certificates saying in effect that this is the "one and only"—at, incidentally, slightly higher prices. This kind of advertising is poppycock, of course, misleading, but fortunately not basically misleading—just a Madison Avenue shrill, not a shill—for call Exburys by any name they come from the same home place and are gorgeous.

Turn now to *Azalea* under the alphabetical listing and make your choices, please. Culture is simple. Exburys can be raised on acid, neutral or alkaline soil, they need reasonable moisture, some shade is good for them, but not necessary. Dig deep and plant in pure damp peat—use earth only to top off the peat. And if the resulting shrub is pretty enough you can call it a "Rothschild-deRothschild Exbury, The One and Only," which forsooth it will be if you chose a hand-pollinated seedling from the Trodd's Copse series.



Evergreens for Bonsai—or for what have you?

This Bonsai business (growing beautifully shaped and miniature specimens or groups in shallow Japanese dishes) has become the country's newest gardening fad. Some strong characters are buying seeds to raise Bonsai trees for eventual planting and training. In fifteen or twenty years they will produce conversation pieces. We prefer shortcuts in growing Bonsai, but that is only because of our present age, not our lack of patience. After getting ourselves some of the proper dishes we planted them with unusual evergreens, and although it must be admitted that the results did not compare to Bonsai we saw in Tokyo last spring, our own Bonsai looked right good and turned out to be very reasonable in price. (Fifty dollars is the admission fee here for the simplest kind of real Bonsai and scrawny stuff it is at that price.)

Here are some of the plants you can use for Pettingill's Bonsai imitations—and, if you wire them to shape them, they will become the real thing after a while. To begin with, all of the *Chamaecyparis* can be used. We have no favorites. Now turn to *Picea*, the Spruces. *P. excelsa compacta* and *P. pungens pendula* are both useful. *Compacta* is a bushy fellow but it can be contorted

CHRYSANTHEMUMS. These hardy plants are most valuable perennial material. They burst into bloom in the fall, just at the time most other perennials are moving toward dormancy. And this is the time most gardeners buy them, which is too bad. Fall planted Mums (big plants you can't resist on roadside stands) are just not satisfactory—except for the moment. Most of them don't come through the winter. Please, please, please, plant Chrysanthemums in the spring—they are not only cheaper, but plants you raise yourself are better, and, more importantly, safer through winter.

Admiration. Peach to soft salmon shadings. Flowers fully 3 inches in diameter and double. 24-30 inches tall. Sept. 26. Each 75c, Three \$2.15, Doz. \$7.50

Apricot Sheen. All America 1961. This variety is a very strong cushion with flowers up to 3 inches in diameter. They are a blend of apricot, peach, and gold, which look good and probably would taste good if colors are tasty. Mid-September.

Each \$1.00, Three \$2.80, Doz. \$10.00

Artists Delight. Unusual pastel colorings of coral, geranium, pink and fawn. Flowers in late September. Height: 2 feet. Each 95c, Three \$2.70, Doz. \$9.50

Astoria. Another sturdy cushion that grows to 24 inches. It's a yellow that is between canary and primrose—at least that's what we see. Blooms late September.

Each 75c, Three \$2.15, Doz. \$7.50

Betty. A fine clear pink; darker pink in center. Double. 28 inches. Sept. 28. Each 50c, Three \$1.40, Doz. \$5.00

Bingo. We've wondered when a flower would come along with this name, and here it is, a cushion-type Mum covered with velvety deep-red. Blooms toward the end of September. It's All America 1961. The plant itself is dwarf—about 18 inches, and that's always good news. Each \$1.00, Three \$2.80, Doz. \$10.00

Bronze Queen. Coppery-bronze pompons in profusion. Each 85c, Three \$2.45, Doz. \$8.75

Burning Bronze. All America 1958. Mahogany bronze over a lively scarlet base. Bushes are vigorous and grow to about 30 inches. Sept. 25.

Each \$1.25, Three \$3.50, Doz. \$13.00

Campaigner. These Mum-namers never miss a trick. This All America 1961 we trust is the winner. Its bronze-gold, 3-inch flowers are on a 2-foot plant. Blooms mid-September. Each \$1.00, Three \$2.80, Doz. \$10.00

Candleglow. A white pompon with an eye that glows yellow. It flowers at the end of September on a bushy 24-inch plant. Each 75c, Three \$2.15, Doz. \$7.50

Chiquita. True lemon-yellow, very compact. Button. Oct. 5. 20 inches. Each 50c, Three \$1.40, Doz. \$5.00

Coppersmith. Glowing burnished terracotta to deep amber in color. Flowers 3½" across on 20 to 24 inch stems. Sept. 25. Each 75c, Three \$2.15, Doz. \$7.50

Corsage Cushion. Grows about 15 inches high and spreads even farther. The pompons, about 2 inches, are fringed like a carnation. They open delicate pearl-pink and are then suffused with ivory tints. Oct. 1.

Each \$1.00, Three \$2.80, Doz. \$10.00

Cortis Rice. Here's a Mum that produces 4-inch flowers of yellow and gold on sturdy 28-inch stems. Blooms the



Chrysanthemum

third week in September, is ideal as a cut flower.

Each 85c, Three \$2.45, Doz. \$8.75

Crimson Lady. A.A. Award 1959. Blooms of this new deeply and richly red Mum are nearly 3 inches in diameter, and come on a strong compact 15-inch plant. Oct. 1.

Each 95c, Three \$2.70, Doz. \$9.50

Early Gold. This variety is a charming pompon that is covered with gold flowers from Labor Day onward in these parts. Plant grows and spreads to a bushy 16 inches.

Each 95c, Three \$2.70, Doz. \$9.50

Evelyn Devaney. Pink blooms 3 inches in diameter. Excellent border plant. Blooms late September. Height: about 30 inches. Each 75c, Three \$2.15, Doz. \$7.50

Flair. A.A. Award 1959. A lively new lavender that does not fade. Fully double 3 to 3½ inch blooms have incurved petals. Plants grow to 18 inches and are spreading. Oct. 1. Each 95c, Three \$2.70, Doz. \$9.50

Flamboyant. Early double flowers of orange-scarlet with highlights of bronze-gold.

Each 75c, Three \$2.15, Doz. \$7.50

Gardenia. Creamy white 3½ inch flowers on strong upright stems, height two feet. This is a fine new mum. Sept. 20. Each 75c, Three \$2.15, Doz. \$7.50

Girl Friend. A.A. Award 1959. An early pink. The double blooms are 3½ inches in diameter. Plant grows to about 28 inches. Sept. 15.

Each 95c, Three \$2.70, Doz. \$9.50

Gold Daisy. A good, hard-working plant in an early-flowering bright gold single. Plant grows to about 20 inches but is compact. Blooms about the second week in September. Each 75c, Three \$2.15, Doz. \$7.50

Headliner. A.A. Award 1960. Very large (3.5 inches), and

slightly recurving blooms. The terra-cotta buds change to a very dark coral as they open. Petals are mostly gold-hazed on the reverse. Headliner grows only 2 feet high in a most compact lump.

Each 95c, Three \$2.70, Doz. \$9.50

Huntsman. Vivid scarlet-orange overlaid with bronze tints. Oct. 1. Each 50c, Three \$1.40, Doz. \$5.00

Larry. Here's a switch in naming a white—no Glacier, Snow White, or Mount Everest for this originator. Simply Larry, and a nice white, too. Blooms are about 2½ inches in diameter. Plant is a semi-dwarf 18 inches. Blooms late September. Each 90c, Three \$2.50, Doz. \$9.00

Lee Powell. Masses of fluffy Chinese-yellow flowers with slight orange tint at center. Double. 30 inches. Sept. 23. Each 50c, Three \$1.40, Doz. \$5.00

Lipstick. Bright red cushion. Very showy, compact plant. Sept. 25. Each 75c, Three \$2.15, Doz. \$7.50

Mardi Gras. A.A. Award 1960. (Patented) Blooms are very large for this kind of hardy cactus-type mum—fully 4 inches in diameter. It opens in reddish-orange hues, quickly changes to bronze and yellow shades. The plant itself is a highly usable dwarf less than 2 feet tall; spreads to about 30 inches. Blooms mid-September.

Each 95c, Three \$2.70, Doz. \$9.50

Mikado. Here is a cactus Mum with 4-inch flowers, whose rose-red petals (or call it Turkish-red) recurve—incurved surfaces are crested gold. Height: about 30 inches. Sept. 25. Each 95c, Three \$2.70, Doz. \$9.50

Olive Longland. Three-inch blossoms of apricot-bronze shading to salmon. September 15.

Each 50c, Three \$1.40, Doz. \$5.00

Ostosa. White blossoms nearly 3 inches in diameter cover this compact plant. Starts blooming about September 15. Height: about 20 inches.

Each 75c, Three \$2.15, Doz. \$7.50

Pink Cherub. A.A. Award 1960 (Patented). Masses of globular blooms in clusters on shortish strong stems are a feature of this new dwarf. Outside of petals are a light pink with a purplish flush; the center is reddish purple. It is not pink unless you like your color strong. It is extremely compact—up to 16 inches high, but it spreads to about 24 inches. Mid-September.

Each 95c, Three \$2.70, Doz. \$9.50

Pink Surprise. Very early flowers of apple-blossom pink. Vigorous grower. Height: about 24 inches.

Each 75c, Three \$2.15, Doz. \$7.50

Purple Heart. Grape-purple shading on silvery reflexes, is the way the originator describes it. Anyway, the grape-silver color is very attractive on the 3-inch blooms. About 26 inches tall. Sept. 25.

Each 85c, Three \$2.45, Doz. \$8.75

Purple Waters. Mid-September bloomer. The crimson purple blossoms are more than 3 inches in diameter. Stems are strong. Height: about 24 inches.

Each 75c, Three \$2.15, Doz. \$7.50

Quicksilver. This variety produces a mass of fluffy 3½-inch creamy-white blooms starting the last week in September. About 20 inches high. Each 85c, Three \$2.45, Doz. \$8.75

Raggerty Ann. A malaprop of sorts, we suppose; either that, or a member of the Raggerty family. Anyway, the plant is a bushy 18 inches; the blooms, heavily fringed and pure white, come at the end of September.

Each 85c, Three \$2.45, Doz. \$8.75

- Ruby Mound.** Its name fits it exactly. The plant itself grows to an 18-inch mound and is covered with ruby-red double blooms 2½ inches across. Flowers mid-September. Each \$1.00, Three \$2.80, Doz. \$10.00
- Shalimar.** Cream with sulphur-yellow center. Double. Strong upright plant. 24 inches. Sept. 25. Each 50c, Three \$1.40, Doz. \$5.00
- Sparkling.** For a plant that grows to 22 inches this one is remarkably bushy in habit. Blooms are rose-pink lightly centered in gold and grow to a 3-inch diameter. Sparkling begins to flower the end of September. Each 90c, Three \$2.50, Doz. \$9.00
- Sun Dance.** This variety is fairly tall at 28 inches, but stems are sturdy enough to hold the 3-inch lemon-yellow flowers easily. Expect bloom in late September. Each 85c, Three \$2.45, Doz. \$8.75
- Tonka.** This is an early deep-yellow Mum with 3½-inch blooms that arrive in mid-September. The plant grows to about 20 inches. Each 95c, Three \$2.70, Doz. \$9.50
- Tranquility.** Soft primrose-yellow blossoms 2 inches in diameter on 18-24 inch plant. Sept. 28. Each 75c, Three \$2.15, Doz. \$7.50
- BRONZE CHRYSANTHEMUM COLLECTION.** 12 plants, as above, \$6.95.
- PINK-LAVENDER-PURPLE CHRYSANTHEMUM COLLECTION.** 12 plants, as above, \$6.95.
- RED CHRYSANTHEMUM COLLECTION.** 12 plants of reddish hues, our selection, \$6.95.
- WHITE CHRYSANTHEMUM COLLECTION.** 12 plants, as above, \$7.45.
- YELLOW-TO-GOLDEN CHRYSANTHEMUM COLLECTION.** 12 branched plants rooted in bands, our selection, \$6.95.
- YELLOW-GOLDEN-WHITE CHRYSANTHEMUM COLLECTION.** 12 branched plants rooted in bands, our selection, \$6.95.
- CHRYSANTHEMUM MAXIMUM** (Shasta Daisy). Use a good rich soil in full sun. Plant 1 foot apart. Divide root stocks every other year to keep plant compact and flowers large. Generally shipped in spring.
- Alaska.** Large glistening white single daisy with yellow center. Two foot plants bloom heavily in June and July. Each 90c, Three \$2.50, Doz. \$9.00
- Cobham Gold.** This new British import blooms its head off most of the summer, and that's a feature anyone appreciates. Petals are the color of double-cream; centers crested and pale yellow. 15 to 18 inches high. Sold out this year. Each \$1.25, Three \$3.50, Doz. \$13.00
- Marconi.** Double frilled sparkling white flowers on 2-foot stems. Excellent cut flower. Sold out this year. Each \$1.25, Three \$3.50, Doz. \$13.00
- Mount Shasta.** Pure white and fully double with a high-crested center. Flowers average four inches across and come singly on stiff, 24-inch stems from spring until frost. Fine for cutting. Each \$1.25, Three \$3.50, Doz. \$13.00

CIMICIFUGA (Snakeroot). Tall border plant that grows in ordinary soil in part shade, has large leaves and

plume-like flowers. Shipped spring or fall.

C. foetida intermedia. Spikes of white flowers 30 inches tall that bloom in September and October. Each \$1.10, Three \$3.00, Doz. \$11.00

CINQUEFOIL—See Potentilla

CLEMATIS. There are hundreds of members in this great family of climbing plants, but all too few of them are hardy. The varieties listed here are hardy, but they are best planted in a southern exposure, protected from cold winds. Spring shipment.

Culture: Clematis are not difficult to raise, but they do require a bit of special treatment. Dig a hole and fill with rich loam. Mix a cup of lime into the loam. Before planting provide supports for the plant to climb. After planting, cover with about three inches of peat mixed with a bit of well-rotted (or dried) cow manure. This supplies a cool root-run, a Clematis re-



Convallaria

quirement. Each spring fertilize lightly (2 tablespoons of Vigoro or the like, or better, an organic fertilizer); add a cup of lime. Protect base of plant after deep frost with pine boughs or salt hay. If height of vine is desired, prune only a little. However, Clematis makes a better show if the vines are cut back to 18 inches from the ground before new shoots appear in early spring.

Comtesse de Bouchaud. Satiny rose pink flowers with curved petals. Each \$2.50, Three \$7.15

Crimson Star. This new variety is the best red (with brown

Notes, Continued

by judicious pruning. *Pungens pendula* is a weeping dwarf form of Spruce; trained to accent this weeping form it should be a beauty. Then a bit farther down the list you will find *Pinus*, the Pines.

Pinus aristata is an excellent Bonsai subject, one the Japanese have never used. It's a knobby-growing plant and finally produces a heavy trunk. *P. aristata* is a native of California. Specimens of this Pine are now considered the world's oldest living thing—4,600 years old to be exact, about fifteen centuries older than the oldest Sequoia. We don't suggest, if you plant one in a Bonsai dish, that the thing will last 4,000 years, but you might pass it along for two or three generations and let us know how it works out. Our address will be Pettingill, Cloud Nine.

Pinus strobus pendula is another weeping evergreen form worth experimenting with; it won't grow fast in a dish. The *Pyracanthas* (any of them) can be used. They require careful training and pruning. A stiff but graceful fellow is the Umbrella Pine, which is not a Pine—look for it under *Sciadopitys verticillata*. And as a last suggestion for quick-cook Bonsai try *Tsuga Sargentiana*, the lovely weeping Hemlock—train it and prune it carefully.

Don't forget, all of these lovelies make wonderful specimens just planted normally in the ground.

Ever plant a tree - - - for posterity?

We have a friend and customer, a chipper fellow now pressing eighty years of age. He's pure Down Easter, watches the pennies from his modest income. This chap appeared shortly after this business was started and now we are fairly well acquainted with him. A few years ago our curiosity got the best of judgment, and we asked him a personal question, the kind any knowledgeable outlander just does not ask a native New Englander. "Why," we said, "have you been buying so many trees, all of them very slow-growing trees?" This was far from adroit, for it called attention to his age and it pried into his business. Instead of clamping up, his leathery face lighted with a bit of a smile. He said, "I owe some trees to posterity, payment on indebtedness to my forebears who planted the big trees I enjoy today." Then he went on. "It's too bad trees don't last forever. My father lost a couple to lightning. I've lost one. Some day my six elms are going to die—they were planted by my great-grandfather when the chestnuts started to go from blight. You may think these losses came over a very long period, but in terms of my family it was right fast."

That's a nice way to consider trees. Oaks, Maples, and Chinese Chestnuts are available from many local sources. They are long-lasting trees. Ditto many others including Horse Chestnuts (flowers are beautiful), and the New England Tulip tree, prized in Europe, but given little

anthers) that we have seen in this lovely family of climbers. Also, the blooms, up to 7 inches in diameter, are of spectacular size. Flowers from late June to early September. Each \$3.00, Three \$8.50

Elsa Spath. Bright blue. Very showy.

Each \$2.50, Three \$7.15

Ernest Markham. Large bright red flowers.

Each \$3.00, Three \$8.50

Henryi. Creamy white blooms.

Each \$3.00, Three \$8.50

Huldine. This new addition from England has pearly-white blooms with very delicate, mauve-pink bars outside. It has received an award of merit from the Royal Horticultural Society, which after all its years in business has seen everything and is quite fussy about giving awards.

Each \$2.50, Three \$7.15, Doz. \$25.00

Jackmanii. The best purple clematis. Very large flowered.

Each \$2.50, Three \$7.15

Marie Boisselot. A new and exquisite pure white Clematis with yellow stamens. Blooms are very large.

Each \$2.50, Three \$7.15, Doz. \$25.00

Montana alba. This native of the mid-Himalayas is completely hardy. It is also remarkably vigorous and sends out scores and scores of new shoots every year. Blooms are somewhat smaller than the Jackmanii varieties, but there are literally hundreds of them—charming white star-shaped flowers with distinctive yellow stamens. Thin the plant out a bit after it finishes blooming in June.

Each \$2.50, Three \$7.15, Doz. \$25.00

Montana rubens superba. Another Himalayan, just as hardy and vigorous as *M. alba*, but with clear pink flowers. Prune this after it blooms, too.

Each \$2.50, Three \$7.15, Doz. \$25.00

Nelly Moser. Mauve-pink with a striking yet subdued deeper bar of pink on each petal.

Each \$3.00, Three \$8.50

President. Violet-blue blooms. Flowers freely.

Each \$2.50, Three \$7.15

Ville de Lyon. Very large carmine-red flowers with heavy darker red tones in its lovely throat. It blossoms here in mid-summer.

Each \$2.50, Three \$7.15, Doz. \$25.00

CLETHRA ALNIFOLIA (Sweet Pepperbush). A slow growing shrub reaching a height of not over 10 feet upon maturity. The leaves are two-toned green and quite lovely; they turn to bright clear yellow in autumn. It does best in low, wet places (or in moist uplands) and because it grows well in half shade it is an excellent shrub for naturalizing. Another attraction: spikes of fragrant flowers appear in late to September. Shipped spring or fall.

C. alnifolia alba. The white bloomer. 18-24 inch plants.

Each \$2.25, Three \$6.50

C. alnifolia rosea. The rose form. 18-24 inch plants.

Each \$2.50, Three \$7.15

COLUMBINE—See *Aquilegia*

****CONVALLARIA.** Lily-of-the-Valley. If Lily-of-the-Valley pips are not of top quality, they can be a discouragingly long time coming into bloom. None (repeat none) that we have ever found are of top quality in U.S. culture. But these imports from Germany are so well grown that we can guarantee bloom the first

year. Hear this: order for December-January delivery and force inside in bowls. Then plant outside in the spring. That's fun—or order for Spring shipment. Doz. \$3.50, 25 \$6.25, 100 \$21.00.

CORAL BELLS—See *Heuchera*

CORNFLOWER—See *Rudbeckia* and *Stokesia*

CORYLOPSIS. The name of this genus means that it is like *Corylus*, the Hazel family—so this native of Japan is a look-alike but not alike. It is sometimes dubbed Winter Hazel, though for the life of us we don't see why. But the genus represents a mighty fine bunch of shrubs and small trees that produce lots of fragrant flowers in shades of soft yellow in the spring. *Corylopsis* is easily cultivated in a light soil. Plant it in a southern exposure, for this North-east Asian can get its flower buds nipped by late spring frosts if exposed. Shipped spring or fall.

C. glabrescens. This is the only variety completely hardy in inland upper New England. It throws drooping racemes of pale yellow fragrant flowers in mid-April—and lots of them. Grows to a small tree about 18 feet high. Shipping plants are 18 to 24 inches.

Each \$3.50

C. pauciflora. Plant this dwarf (it grows 4 to 6 feet only) on the New England shore to Boston, the New York side of the Sound, Long Island, and close to the shore as far south as Philadelphia. In these locations and farther south its masses of scented primrose-yellow flowers are safe. *Pauciflora*, however, will do quite well in far colder climates if protected. Shipping plants 12 to 15 inches.

Each \$3.50

C. spicata. Plant as indicated for *C. pauciflora*. *Spicata* is a honey, grows only to 6 feet, has very long racemes of the typically yellow *Corylopsis* flowers. Shipping plants are 15 to 18 inches.

Each \$3.50

C. Willmottiae. This variety will grow from 8 to 12 feet high. An excellent ornamental that should be handled like *C. pauciflora*. Shipping plants 15 to 18 inches.

Each \$3.50

CORYLUS. *Avellana contorta.* A large growing shrub of the hazel family. Its branches are curiously twisted. Leaves are lush and green, but the black corkscrew branches are its chief interest and are particularly fascinating in winter. Ultimate height—7 to 10 feet. Shipped spring or fall.

Small plants, shipped with earth ball, Each \$5.95.

COSTMARY—See *Herbs*

COTONEASTER. This rich family of shrubs is outstanding for the color of its autumnal foliage and for the conspicuous clusters of berries ranging in color from brilliant orange-scarlet through varying shades of red to black. Berries are preceded by a profusion of pinky-white flowers wreathing the small branches. Generally shipped with earth ball. Spring or fall.

apiculata. This so-called Cranberry Cotoneaster is a dwarf reaching about 4 feet in height. Its arching branches are weighed down with bright crimson fruit in the fall and its foliage is shiny green through December. Hardy.

Each \$3.50, Three \$9.75



divaricata. Grows from 5 to 6 feet high and has a graceful spreading habit. It has small polished green leaves and thousands of red egg-shaped berries. In the fall the leaves turn brilliantly. Shipped bareroot in spring only.

Each \$3.50, Three \$9.75

C. horizontalis (davidiana). This is nearly a ground cover. The variety's box-like foliage spreads beautifully in the Rockery (so it is also called Rock Cotoneaster) or against a wall. It never reaches more than 4 feet in height. *Horizontalis'* branches are covered with red berries in the fall, which the birds like—but not nearly so much as we do. Shipping plants are 12-15 inches, balled-and-bur-lapped.

Each \$4.45

C. Simonsi. Simon's Cotoneaster is almost evergreen and a Zone 5 plant, so do not put it in areas where cold falls below minus 10 degrees. This variety is an excellent border plant, grows to a maximum of 6 feet, will spread as wide. Shipping plants (15-18 inches) balled-and-bur-lapped.

Each \$6.50

COTTAGE TULIPS—See *Tulipa*

****CROCUS.** Practically the first spring flowers. Plant any place except on a lawn requiring early mowing. Excellent location for Crocus is in Vinca or Pachysandra beds. Crocus multiply amazingly. Only top sized bulbs are listed below. September shipment.

Blue Enchantress.	Doz. 85c; 25 \$1.60; 100 \$5.75
King of Whites.	Doz. \$1.10; 25 \$2.10; 100 \$7.50
White and Purple Stripe.	Doz. 90c; 25 \$1.65; 100 \$6.25
Yellow Queen.	Doz. 85c; 25 \$1.60; 100 \$5.75
Mixed Crocus.	25 \$1.65; 100 \$6.00



Delphinium

CUPID'S DART—See *Catananche*

CYPRESS—See *Chamaecyparis*

CYTISUS (Broom). It is a shame, a terrible shame, that so few of these evergreen shrubs are hardy north of Philadelphia. Some of you (who live close to the coast as far north as Boston) should experiment with the less hardy forms and their lovely range of color. The rest of us will have to be satisfied with the few varieties that are hardy on this sub-alpine Litchfield hill. This genus has pendulous thin evergreen branches, the principal distinguishing characteristic at all times, and in May the branches are loaded with pea-like flowers. The shrub makes a solid mound and should be planted mid-border with shrubs. Also use as specimens. Plants move best when balled — and they must be small to move at all. Plant spring or fall.

C. praecox. This variety is loaded with yellow pea-like flowers in spring. A seven-year old specimen here is now about four feet high, spreads about the same—five feet is about maximum height. It's quite beautiful and can be seen directly south of the Sales Center. Completely hardy. Shipping plants are about 18 inches high, have not yet started to spread. Each \$3.00

DAFFODILS—See *Narcissi*

DARWIN TULIPS—See *Tulipa*

DAY LILIES—See *Hemerocallis*

DELPHINIUM. This is the Queen of the perennial garden. Delphiniums require a slightly acid soil, protection from wind. Do not overfeed. Dust with sulphur in damp weather to discourage black spot on the leaves. Best covering in winter is a thin layer of coal ashes to keep slugs off the crown, and overlay with pine boughs after the plants are frozen in.

White Flower Farm Delphinium are sought not only by gardeners but by better nurserymen. We would like to believe that this is due entirely to our fine growing methods. Indeed, we do not drill seed in the field and hope for the best—plants are greenhouse produced and have a five month start on drilled seed. But in all honesty, this careful growing method is only partially responsible for the quality of Delphinium grown here—our climate is nearly perfect, cool nights, lots of mist. The result is a nearly perfect plant. Please Note: To get more vigorous stock to you, we are shipping all Delphinium, except the species, with a small ball of earth, the crown undisturbed. Because this requires very careful digging and packing, all plants are priced on a per each basis, no discount for quantity. Shipped spring or fall.

Chinese Delphinium. The miniature or so-called dwarf varieties bloom all summer if cut back. Flowers keep a week in water. Culture: same as for Pacifics. First blooms in late June or early July.

album grandiflorum. Pure white. Height 24 inches. Each 90c

Blue Mirror. Bright navy blue. 24 inches. Each 90c

Cambridge Blue. A rich but light blue. 18-24 inches. Each 90c

Delphinium. The Hybrids. For years large groups of gardeners all over the parts of the world where Delphinium can be grown have banded into Delphinium Societies for the purpose of growing and breeding this remarkable plant. A few fanciers have spent a lifetime hybridizing them and the results are truly sensational. The California hybridizers have developed seed strains that come fairly true by color. The English take individual hybrids of merit and reproduce them from cuttings. U. S. climate and high labor costs make this method nearly impossible commercially here — at least we haven't licked the problem, and our partners, although they shudder at the expense of these efforts, are still trying to produce named hybrids from cuttings. This year we are building a special cold greenhouse to continue this work. Meanwhile, we offer hybrids from seed of the world's three great strains: Pacific Coast Hybrids, and the English Blackmore and Bishop Hybrid strains. We do not tell you that these hybrids are easy things to master, for they can be difficult; but no gardener is worth his salt who doesn't try and try and try.

Pacific Coast Hybrids. This is the famous Round Table

Notes, Continued

consideration here. Long ago we found Litchfield full of an assortment of gorgeous European Beech (*Fagus*), planted 50 to 100 years ago. When planted they were probably fairly large imports which were available before restrictions were put on plant imports in the name of disease control—actually a means by which the nursery trade association eliminated competition from foreign growers. Beech grow slowly, and, as American nurserymen generally are committed to plants that grow quickly and can thus be turned over rapidly (good merchandising but not good professional horticultural practice), it is very hard to come by more Beeches of any hue today—small or large.

We import the only sizes permitted under the regulations—little fellows. There are ten varieties, the broadest offering in this country. All are lovely. If you are young you will get a lot of pleasure from them later; if you are older we suggest you plant one for posterity. Note: if you live in the country be sure to protect such a planting from mice and deer until the thing gets big enough to fend for itself.



Those unusual strawberries

We never thought that any kind of strawberry would interest us eleven years ago when White Flower Farm was founded from scratch on a hayfield. But our *Fraise des Bois*, the upright Charles V, not only interests us, it interests hundreds of gardeners in that it has turned out to be one of the best dual-purpose plants in the herbaceous kingdom. Not only do the things produce berries constantly from June until frost, but they are charming edging plants for the herbaceous border. Of course, if one doesn't like wild French strawberries Charles V is not one's dish. Berries are not the least juicy, but, oh, the tangy wild flavor when served with a spot of powdered sugar and clotted or double cream. If you do like the berries (Bloomingdale's, the New York department store, flies *Fraises des Bois* here in summer and sells all it can get for \$3.00 a pint), the plant as an edger is a mighty pleasant plus. At \$8.95 a dozen Charles V may seem to be on the expensive side. They aren't really, for we tell you how to propagate them by division so that you will have at least 100 plants in three years. Yes, you can.

Another unusual strawberry is *Fraises Espalier*. You train the runners of these strawberries against a trellis or fence. (Don't plant and train on a rock wall.) The runners grow and grow, and every foot or so they send out nodes. These nodes in turn send out fruit, big juicy

Series, which produces about the most beautiful Delphinium spikes you will ever see. Individual flowers under good culture are huge, spikes grow to 7 feet and must be staked even in protected places, for a beating rain with no wind can knock them over. You usually get a second crop of smaller spikes (up to 3 feet) in the late fall. All the Hybrids are worth double, or more, any trouble they take.

Astolat. Shades of lavender pink with black or gold bee.

Black Knight. Shades of darkest violet with black bee.

Blue Bird. Shades of medium blue with white bee.

Blue Jay. Shades from medium to dark blue with black bee.

Cameliard. Shades of clear lavender with white bee.

Galahad. Purest white. Blooms about 10 days later than others.

Guinevere. Outer petals light blue, inner petals lavender. White bee.

King Arthur. Giant dark royal-violet florets with white bee. Note: Bedder grade only this spring; Border grade available in fall.

Percival. Pure white with black bee.

Summer Skies. Shades of lightest blue with white bee.

Border Grade. Large 1-year-old field-grown plants with earth ball. Each \$1.00

Bedder Grade. This grade is for those who would plant masses of Delphinium. It is the kind of stock we plant out each spring, grown in three inch pots, heavily rooted, with well developed crowns. First blooms appear in September and October on 3 to 4 foot spikes. These plants then become Exhibition or Border Grade stock the following year. By the dozen only, \$6.00, but mix varieties any way you wish. Available only in spring.

Delphiniums. Bishop's Hybrids. These plants were grown from seed personally selected by the famous English originator, Frank Bishop of Wolverhampton. Bishop's Delphiniums are known the world over, and we believe them to be more truly perennial than American types. Mixed colors only in shades of mauve, blue, purple, and white. Border Grade, 1-year-old field-grown plants with earth ball. Each \$1.00. Bedder Grade, pot grown, \$6.00 Doz. Note: Border Grade not available until Fall, 1961.

Delphiniums. Blackmore & Langdon Hybrids. With Bishop, the Langdons are the other outstanding English hybridizers of Delphiniums. Fact is the Langdons have been working with this plant longer than any other English nursery and have had some remarkable "firsts." Unfortunately, U. S. climate doesn't permit the growth of Dels from cuttings, which is the only way to develop fine named varieties. But we can do the next best thing—get selected seed and grow it. These year-old field-grown seedlings are mixed. Most of this stock is in lovely shades of blue, but you will occasionally get a pink or white one as a surprise. Border Grade, 1-year-old field-grown plants with earth ball. Each \$1.00. Bedder Grade (five-month old pot stock) shipped only in spring, \$6.00 per Dozen.

Species Delphinium. These tried and true species types are extremely hardy and will grow successfully under the worst conditions. Shipped bareroot.

Belladonna. Light blue and long-lasting. Initial stalk may reach 5 ft. Kept cut, Belladonna blooms all summer. Each 90c, Three \$2.50, Doz. \$9.00

Bellamosa. A dark blue form of Belladonna. Each 90c, Three \$2.50, Doz. \$9.00

DEUTZIA. All Deutzias are showy flowering shrubs having extremely bushy habits of growth. In May their heavy foliage almost completely disappears under a blanket of small, frilled, bell-like flowers. They are all dwarf in habit and therefore can be used in foundation plantings. Shipped spring or fall.

gracilis. This variety seldom reaches a height of 3 feet and is excellent as a low hedge. It is covered in May with flowers of purest white and it tolerates light shade. Each \$2.50, Three \$7.15

gracilis rosea. Rose form of the above. Each \$2.50

***DIANTHUS** (Garden Pinks). Plant in ordinary garden soil which must contain some lime. Excellent rock garden or border plant. Most varieties bloom continuously starting in mid-June. Spring shipment. Large pot-grown plants.

Allwoodii. This is a hybrid of the old garden pink and the perpetual-flowering carnation. It's a grand cross for the plant retains the compact growth habit of the pink and has the wide range of color and perpetual-flowering quality of the carnation. Flowers are very sweet-scented. Allwoodii blooms its head off from spring to frost and the more it is cut for long-lasting arrangements, the more it flowers. Colors, however, are mixed. We suggest buying a dozen, then choose the colors you like and propagate them by cuttings. Each 95c, Three \$2.70, Doz. \$9.50

***Allwoodii alpinus.** This is a miniature of the above, a charmer for the rockery, stone walls, edging or for whatever it is you need a dwarf to do for you. It arows like a cushion—just 6 inches high. Colors are mixed. Each 95c, Three \$2.70, Doz. \$9.50

Her Majesty. Purest white, very large and heavily double. Each 95c, Three \$2.70, Doz. \$9.50

Moon Mist. This is an excellent double white that blooms on 12-inch stems. Although the great mass of bloom comes early, the variety continues to produce its spicy fragrant flowers until frost. Each \$1.10, Three \$3.00, Doz. \$11.00

Petite. Here is a neat evergreen dwarf shaped like a ball. The sweet, scented flowers are pink and grow to about 3 inches above the tight foliage. Each 95c, Three \$2.70, Doz. \$9.50

Salmon Unique. A clove-scented salmon-pink. Stems 15 inches. Throws perfectly formed carnation-like flowers through out the season. Each 95c, Three \$2.70, Doz. \$9.50

Sweet Memory. Pure white, crimson maroon spots at center. Two inch blooms fully double, compact and sturdy. Each 95c, Three \$2.70, Doz. \$9.50



Tiny Rubies. Very compact with miniature pink carnation-like flowers on 4 to 6 inch stems. Excellent for rock gardens. Each 95c, Three \$2.70, Doz. \$9.50

Wallace Red. Semi-double crimson red flowers on 12-inch stems. Compact. Blooms all summer. Each 95c, Three \$2.70, Doz. \$9.50

DIANTHUS COLLECTION. This is an economical way to buy Dianthus for spotting in a border of mixed colors. 6 plants, our selection (we will honor your choice if possible), \$5.00. 12 plants, as above \$9.00.

DIANTHUS BARBATUS (Sweet William). These are extremely showy plants, cut flowers are long lasting. They are biennials. However, they reseed so heavily they'll be around a long time. Generally shipped in spring.

Giant White. Enormous trusses of pure white flowers excellent for cutting. Each 80c, Three \$2.25, Doz. \$8.00

Newport Pink. Ditto, but flowers are a pure pink. Each 80c, Three \$2.25, Doz. \$8.00

Scarlet Beauty. Trusses of vivid scarlet. Each 80c, Three \$2.25, Doz. \$8.00

DICENTRA (Bleeding Heart). A must in every border and they are easily grown. Dicentra, you will be glad to know, does best in partial shade. Plant in fall or very early spring. Shipped spring or fall.

Bountiful. A remarkable hybrid. Makes a clump 18 inches in diameter and has dark blue-green foliage about 10 inches high. Blooms heavily from May until July; throws flowers all summer; blooms heavily again in the fall. Each \$1.25, Three \$3.50, Doz. \$13.00

Debutante. This is a pleasant addition to the genus—silvery-green foliage and a profusion of pink flowers that bloom smack through the summer. Moreover, you can use this pretty creature in sun or partial shade.

Each \$1.50, Three \$4.25, Doz. \$15.00

Silversmith. Another compact, spreading variety like Debutante, but with blue-green foliage. Flowering heads, which are ivory-white, lift well above the plant on 12-inch stems. Silversmith also has a very long period of bloom.

Each \$1.50, Three \$4.25, Doz. \$15.00

Spectabilis. Old-fashioned and a favorite. It's a fairly tall grower and has long racemes of heart-shaped pink flowers. Plant in clumps about 24 inches apart.

Each \$1.25, Three \$3.50, Doz. \$13.00

DICTAMNUS (Gas Plant). An interesting perennial that will last a lifetime. Handsome ash-like leaves of delightful fragrance and lovely flowers which form a gas that can be ignited on hot evenings without damage to the plant. Should have a sunny, well drained location. Never try to move Dictamnus after it is established. Spring shipment.

Fraxinella alba. Compact shrub-like growth and attractive spikes of pure white flowers during June and July. Long lasting as a cut flower.

Each \$1.50, Three \$4.25, Doz. \$15.00

Fraxinella rubra. The same fine shrub-like growth as alba with rose pink flowers on 2½ ft. plants. Only three to a customers.

Each \$1.50, Three \$4.25, Doz. \$15.00

DIGITALIS (Foxglove). The name of the genus is Latin for the finger of a glove, but no one knows quite how this glove finger became associated with that wily animal. The species come from Europe and West and Central Asia. No one seems to know how old they are. The Foxgloves are of easiest culture. They do best in a damp location in semi-shade.

D. ambigua. The true perennial type of this popular biennial. Flower spikes are 30 inches high. The tubular yellow flowers appear in June and July. Spring shipment.

Each 80c, Three \$2.25, Doz. \$8.00

D. Excelsior Hybrids. The florets of this strain are carried at right angles to the stem, so one gets the full effect of the rich markings. Colors, though always mixed, blend beautifully.

Each 80c, Three \$2.25, Doz. \$8.00

D. gloxineiflora alba. (Biennial) White flowers on 3 foot stems in June and July. Each 80c, Three \$2.25, Doz. \$8.00

D. gloxineiflora rosea. (Biennial) Soft rose-pink flowers 3-4 feet in June and July.

Each 80c, Three \$2.25, Doz. \$8.00

D. Shirley Hybrids. (Biennial) Large tubular flowers in shades of white, pink and rose. Available only as a mixture. About 3 feet high.

Each 80c, Three \$2.25, Doz. \$8.00

DORONICUM (Leopardbane). A most satisfactory genus, which produces daisy-like flowers in early spring. The varieties usually grow to 2 feet, make excellent cut flowers. Culture is easy. The genus generally prefers a moist soil, seems to do about as well in partial shade or in full sun. Plants go dormant in July and August—that's the reason the heart-shaped

leaves disappear. Use mid-border, plant spring or fall.

D. caucasicum magnificum. Large, single, clear yellow flowers that are a joy. Each 95c, Three \$2.70, Doz. \$9.50

ECHINOPS (Globe Thistle). Very hardy perennial with spiny foliage bearing globular thistle-like flowers. Will thrive in sun or light shade in ordinary soil. Shipped spring or fall.

Taplow Blue. Flower heads are deep blue. Height 4 ft.

Each \$1.10, Three \$3.00, Doz. \$11.00

EDELWEISS—See *Leontopodium*

ELAEAGNUS. The Olive family. Many of these small and beautiful trees make very desirable specimens. Their leaves and branchlets are silvery and glisten in the sun. Few grow over 20 feet high and all of them throw splendid crowns. They are extremely hardy. (Very cold temperatures will cut them back, but they invariably recover quickly.) One fine thing about the Olives is that they do best in awful soils, as anyone who has seen them grow in Southern Europe and Western Asia knows, so don't feed them a thing. Other varieties will be added later. They are shipped spring or fall.

E. augustifolia. This is commonly called Russian Olive, but it's no more Russian than a Hottentot. It's from Europe and S. Asia, but it is not the variety that produces olives. The fruit comes in the form of orange berries—the small flowers are fragrant but of no decorative value. But the silvery foliage has great value. There isn't a more charming small tree (20 feet maximum). Why this small Olive isn't used more on the grounds of today's modern homes is a mystery. Shipping plants are 3-4 feet high.

Each \$3.00, Three \$8.50, Doz. \$30.00



Dianthus

Notes, Continued

fruit, sweet and of good texture. The things were developed in land-hungry Western Europe to get more production per square foot of land. Here they are strictly horticultural fun, conversation pieces when planted along a fence, the berries good to boot.

"I'm planting a rock garden . . . and . . ."

If inquiries about plants for rockeries and stone walks and for edging plants for gardens are any indication, there is a renewed interest in this useful stuff, for we are being asked about them more and more. So we put this class of material in one list for easy reference. For detailed information check the descriptions. Note that those marked with an asterisk (*) are ultra-dwarf in form or basically creepers. If a genus is mentioned without a variety this means that all varieties in the genus are good for this purpose.

Achillea The Pearl	*Ajuga
Alyssum	Anchusa myosotidiflora
*Arabis	*Arenaria verna caespitosa
Armeria	Artemisia Silver Mound
*Asperula odorata	Aster Prof. Kippenberg
Chionodoxa	*Crocus
Eranthis	Galanthus
Hyacinth	Iris reticulata
Muscari	Scilla sibirica
Campanula	Convallaria
Dianthus	Dicentra Bountiful
Dicentra Debutante	Dicentra Silversmith
Fraises des Bois	*Geranium
Geum	*Gypsophila repens rosea
Helianthemum	Heuchera
*Iberis	Leontopodium
*Mazus pumilo	*Mertensia
Narcissi (Miniatures)	Nepeta mussini
*Nierembergia	Oenothera
*Pachysandra	Phlox divaricata
Phlox Blue Ridge	*Phlox subulata
*Plumbago larpentae	Polygonum Reynoutria
Potentilla Miss Wilmot	Primula denticulata
*Primula polyanthus	Pulsatilla
*Sedum	*Sempervivum
*Teucrium	*Thymus
Tulips Botanical	Veronica
Valeriana	



The Herbaceous Kingdom

We haven't ever counted them all, but it is surely fact that up to three-quarters or more of the plants grown and listed here are perennials, nature's great gift to gardeners. This just didn't happen, it was planned that way, for our founding partners had worked for years

ERANTHIS (Winter Aconite). Flowers bloom about two weeks before Crocus, are like little buttercups, 3 inches tall. Plant two inches deep, in shade or full sun. Shipped in September.

hemalis. Yellow, one of the earliest spring flowers. Good any place. Doz. 90c; 25 \$1.65; 100 \$6.00

ERYNGIUM (Sea Holly). Attractive plant with serrated foliage. Grows in ordinary well-drained soil and is desirable plant in any sunny border. Also valuable as a cut flower. Shipped spring or fall.

amethystinum. A metallic blue thistle-type flower borne on 2 ft. stems. July and August. Each \$1.10, Three \$3.00, Doz. \$11.00

EUONYMUS. This is the most versatile and easiest grown of shrubs. Its many varieties have uses everywhere. Shipped spring or fall.

alatus compactus. A dwarf (ultimate height 6 feet) with unbelievable brilliance of foliage in the autumn. It requires nothing special in soils, does well in shade, is of compact growth—all the requirements for the ideal hedge. As specimen plants in the lawn or shrub border (or in foundation plantings) they have no equal.

Each \$3.25, Three \$9.25, Doz. \$33.50

radicans Sarcocoe. Zone 4. This is the most successful of the distinctly upright types. It has dark green foliage which holds well in winter. *Sarcocoe* is extremely hardy, thrives in full sun, but grows satisfactorily, though more slowly, in nearly full shade. It is an excellent hedging plant that can be trimmed neatly to any shape or height. Heavily-rooted, well-branched 15-18 inch shipping plants.

Each \$3.25, Three \$9.25, Doz. \$33.50

radicans vegetus. Trimmed, it can be grown as a shrub or hedge; left uncut and planted around the base of old trees, it will climb 30 feet or more, densely covering the trunk. As a wall cover it is in a class with ivy. You can't eat it but that's about all you can't do with it. It is evergreen and absolutely hardy. 15 to 18 inch plants.

Each \$3.00, Three \$8.50, Doz. \$30.00

FAGUS. The Beeches, most royal of shade trees. The European forms are by far the most beautiful, and they appear to have no known serious enemies. Real lovers of trees should plant at least one Beech in a lifetime. If your grounds are limited, use the weeping forms. Shipped balled-and-burlapped, spring or fall.

F. engleriana. The extremely rare Chinese Beech. Leaves are a pale green with a glaucous hue. Shipping plants are 2-3 feet. Each \$8.95

sylvatica asplenifolia. This is the excellent Fernleaf Beech, densely branched. One of the finest in the family. Shipping plants 18-24 inches. Each \$9.95

"**fastigiata**. The columnar form of Beech. 2-3 foot shipping plants. Place order for 1960 delivery. Each \$8.95

"**heterophylla laciniata**. This Beech has finely cut leaves and is one of the most effective of the large ornamental trees. Rare. 2-3 foot shipping plants. Each \$8.95

"**pendula**. This is the superb and extremely rare weeping Beech. 2-3 foot shipping plants. Each \$8.95

"**purpurea pendula**. The purple-leaf weeping Beech. 2-3 foot shipping plants. Each \$8.95

"**Riversi**. River's Purple Beech leaves out red in the spring, turns deepest purple in the fall. 2-3 foot plants. Each \$6.95

"**Rohanii**. The purple-leaved form of the "Fern-leaved Beech". 2-3 foot shipping plants. Place order for 1960 delivery. Each \$8.95

"**spaethiana**. A new Purple Beech offered, we believe, for the first time in this country. *Spaethiana* leaves out purple, stays purple all summer. 2-3 foot shipping plants. Each \$8.95

"**tricolor**. Extremely rare beech with copper-colored leaves tipped pink and white. Shipping plants, 2 to 3 feet high. Each \$9.50

"**zlatia**. This Golden Leaf Beech is a joy. 2-3 foot shipping plants. Each \$8.95

FALSE DRAGONHEAD—See *Physostegia*

FERNS. Native hardy Ferns can be yanked out of the woods if you know how to yank them. However, they'll sulk unless their new location has similar soil and exposure. These cultivated Ferns seem to catch on faster. You need a woody soil—one high in humus (which you can manufacture by using a bit more peat than you think you need). Stay away from lime, but a nitrogen fertilizer helps if given judiciously once every year or so. Semi-shade, which means full protection from burning sun at noon and after, is desirable. A Fern Garden is a delight—and once established it needs little care. Moisture, but not excessive moisture, is a prime requirement. Never let Ferns dry out. Shipped spring or fall.

Adiantum pedatum. This airy, graceful variety is also called American Maidenhair, but it is quite different from your florist's maidenhair, which is the Dickens to grow. This variety grows in clumps, and spreads slowly. Partial shade, please. Fronds grow to 18 inches.

Each 80c, Three \$2.25, Doz. \$8.00

Asplenium filix-foemina. It is also called Lady Fern. Needs quite moist soil for the clumps to expand quickly, and it likes full sun. Fronds go to 3 feet.

Each 80c, Three \$2.25, Doz. \$8.00

Athyrium thelypteroides. Known commonly as Silvery Splenwort, this fern's fronds reach two feet and stalks are straw-colored. Each 80c, Three \$2.25, Doz. \$8.00

Dryopteris marginalis. The Heather-wood Fern. A handsome fellow with fronds up to 2 feet. Mighty fine for cutting to use in masses by itself (and that can be tremendously effective, too), or use it with flowers.

Each 80c, Three \$2.25, Doz. \$8.00

Dryopteris spinulosa. Commonly called Toothed-wood Fern—why, we shall never know. Anyway the foliage of its fronds are dissected and it is just as good cut for arrangements as its buddy, above.

Each 80c, Three \$2.25, Doz. \$8.00

Osmunda cinnamomea. Called the Cinnamon Fern because of the color of its fronds at maturity. Under ideal conditions it will grow to 6 feet, but 2 to 4 feet is about all one should expect. Fronds are the palest of green when young and very slender. Properly placed and grown

this is a decorative fellow worth your best efforts.

Each 80c, Three \$2.25, Doz. \$8.00

Osmunda regalis. This is the Regal Fern, and is a highly ornamental fellow whose fronds push to 10 feet when under the best culture. Very strong grower, needs lots of moisture and can, like the Cinnamon Fern, take a lot of sun. Each 80c, Three \$2.25, Doz. \$8.00

Polystichum acrostichoides. Similar in growth to the well-known Boston Fern, this Christmas Fern is also very easily grown. It thrives in shade, fronds go to 6 feet or more under ideal conditions. Because it appears to be evergreen it is used largely in Christmas decorations.

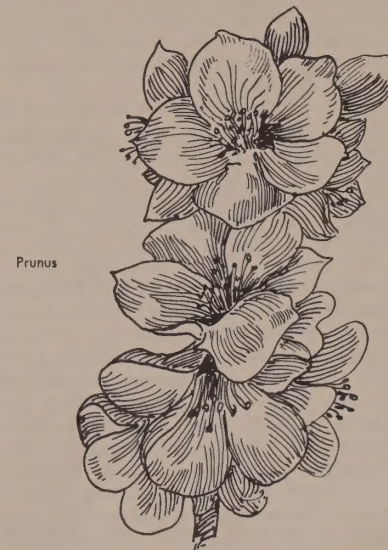
Each 80c, Three \$2.25, Doz. \$8.00

Pterestis nodulosa. Called Ostrich Fern commonly, this fellow is very dark green in color; it grows to 5 feet. It is unusual in that a separate plum-shaped spore stalk remains over winter. Use in woodlands, lowlands, or for shady-side foundation planting.

Each 80c, Three \$2.25, Doz. \$8.00

FERN COLLECTION. One way to start to get acquainted with these lovely green things is to try this selection (our choice) of seven varieties. Each \$5.00

FERTILIZER (Water Soluble). Probably the best fertilizer for container-grown plants is liquid manure, but it's mighty messy to make and smelly to use on indoor plants. This water soluble chemical fertilizer is easy to prepare—just mix it with the proper amount of water (full directions enclosed with each package). It is called W.F.F.'s 20-20-20 Soluble Fertilizer, chelated. The numbers mean that it is a high nutrient fertilizer with equal amounts of phosphate, nitrogen and potash. Chelated means that the fertilizer contains all of the important trace



Prunus

elements so necessary to plant health. W.F.F.'s 20-20-20 is compatible with insecticides and can be used with them for foliar feeding. One tablespoon makes a gallon of fertilizer for normal feeding. A pound will last you a long time. (Note: the powder will harden with age but this in no way affects the chemical qualities.) Sold in dry form in 1 lb. packages only, \$2.95 each, postpaid in U.S.A.

FIRETHORN—See *Pyracantha*

FLAX—See *Linum*

FLEECE VINE—See *Polygonum*

FORCING BULBS—See varieties of *Narcissi*, *Tulipa*, *Chionodoxa* (*Convallaria*), *Crocus*, *Galanthus*, *Hya-cinth*, *Iris Reticulata*, *Muscari*, and *Scilla Sibirica* marked with double asterisks (**). Also, see *Bulb Fibre*.

FORSYTHIA. This is the Bush that grew in Brooklyn—the common varieties are everywhere and although they are quite beautiful, the newer named types are so much more beautiful that we urge you to get them instead of accepting a chunk of root of a common variety from an obliging neighbor. Branches cut and brought indoors during January and February burst into bloom a few days later. Shipped spring or fall.

Forsythia Beatrice Farrand. Zone 4. A new variety from Arnold Arboretum that is extremely vigorous, and, compared to other Forsythias, rather symmetrical in shape. The principal feature of this new plant is its great flowers, more than 2 inches in diameter, golden in color, with orange markings on the throat. 2-3 foot heavily-rooted plants. Each \$3.00, Three \$8.50, Doz. \$30.00

Forsythia Lynwood Gold. Huge, golden-yellow flowers are the feature of this Irish origination. Branches are also erect. 2-3 feet.

Each \$3.00, Three \$8.50, Doz. \$30.00

Forsythia Spring Glory. Huge pale lemon-yellow flowers in profusion. Grows upright and spreads slowly from the crown. Not weedy. 2 to 3 feet.

Each \$2.25, Three \$6.50, Doz. \$22.50

White-Forsythia. (*Abeliophyllum Distichum*). A very rare Korean shrub having exceptional quality. It is very slow growing, slightly spreading. Size at maturity will probably not exceed seven feet. (Specimens our plant hunters have seen in England were only five feet high, spreading four feet, at seven years of age.) Besides this highly desirable dwarf quality, the shrub itself is exceptionally hardy and robust. Leaves, bluish green, appear after a profusion of white blooms that cover the brown branches in earliest spring. In climates having very cold spring winds White-Forsythia blooms will blast. (The shrub itself is not affected.) Planting in completely sheltered southern exposures will generally protect the flowers if April temperatures do not fall below —20 degrees. 24-inch shipping plants. Each \$3.00



Fraises des Bois

FORSYTHIA COLLECTION. One each of these four beauties (2-3 feet sizes, except where noted). Each \$9.95

FOXGLOVE—See *Digitalis*

FRAISES DES BOIS (Wild French Strawberries). Shipping plants have small crowns but are heavily rooted. Planted in early spring Charles V will produce its first berries in July; plants will be lush and in full production at the end of August. Fertilize with dry cow manure or compost that is free of grubs. Charles V produces no runners, is ever-bearing and prolific; it is a charming border plant. We send instructions so that you can increase your stock of them without further investment. Shipped Spring or early Fall.

***Charles V.** Named after France's famous king, who, about 1360, was the first Frenchman to bring wild strawberries from the woods and plant them in a garden. This variety is an open upright plant with dark green leaves, about 8 inches high, 10 inches in diameter. Plant one foot apart as border edging or in beds or rows in the vegetable garden. (Patented.) Doz. \$8.95, 25 \$14.95, 50 \$27.50

FRAISES ESPALIER. This is one of the very new strawberries from Europe—it has a most unusual habit. The plant throws long runners, and node after node after node—each of which, we'll have you know, produces strawberries without rooting into the ground. So train, or espalier, the runners to a lattice, and you'll have not only an extremely interesting and good looking plant, but one which produces from 9 to 12 lbs. of fruit. The fruit itself is large—like ordinary strawberries—and they have an excellent flavor. Just to top this true story—Fraises Espalier also produces these big berries straight through the summer. We advise rooting

Notes, Continued

with perennials of all kinds. One long herbaceous border of theirs, a white one, was a jewel of a thing. (That, in case you've been wondering, is how White Flower Farm got its name—not from a man named White, the usual conclusion.) And this is why at least one white variety is included in every genus, providing it is a good variety.

Working only with pure white perennials is somewhat more difficult than using the whole perennial spectrum because the gardener is more limited in selection. We don't recommend a white border unless this kind of planting happens to appeal, but we do recommend the development of a perennial border. Lawn, shrubbery and trees are just not enough to express the individuality of one's home or one's self. They are more individual, of course, than automobiles, or refrigerators or any of today's consumer goods which are look-alikes. But the great Kingdom of Perennials, so large that even the Royal Horticultural Society cannot encompass it, is open to anyone of any means who dares express himself.

The question, at this point, particularly from those who would dare but haven't because the business seems complicated, is: How does one start? By starting is the answer. This is true of any art form. You soon discover your degree of aptitude.

Building with perennials is not particularly difficult. Some reading is required—our Plant Book, or any other good nursery catalogue, is a start. Here perennials are described, their height, color, and season of bloom are usually noted. These are basics. You naturally put tall-growing plants back of low-growing ones, you also select plants to get a succession of bloom, and place the plants so that the color effect is pleasing to you. A simple plan of a border will also be useful in getting started.

You can, of course, go to the garden books for information—and to the garden periodicals. If you do, please do not let the professional garden authors confuse you with technical growing data. Don't buy a soil-testing set. You'll never know what the test tubes are telling you. If the earth will grow weeds lustily it will probably grow most perennials. When you get to using fertilizer, make a rule of using half of what you think you need; when you irrigate, start over again after you think you are finished. For some reason gardeners generally over-fertilize, underirrigate. We suggest that you refrain, as long as you can, from building a compost heap—not only can you buy organic fertilizer cheaper, but you won't sprain your back turning over the compost.

Experiment. You'll make mistakes, but these won't be the only errors you have ever made. If you have patience chances are that you'll develop into an excellent gardener; without patience, don't garden, unless you want

a few of the last nodes for use the following year, keeping, of course, the mother plants. Although experiments prove that Fraises Espalier can be grown in pots, tubs, or boxes, we do not advise it if you cannot keep the container cool. Full sun. Shipped bareroot.

Each \$2.50, Three \$7.15, Doz. \$25.00

FUCHSIA. This lovely and varied shrub is not hardy, but it can be grown easily in cold climates. We recommend culture in large pots (10 inches and up). Planted this way on a terrace, Fuchsias are conversation pieces—or plunge the pots into the perennial border. (Fuchsias are easier to handle in pots when putting them away during winter.) Fuchsias can be grown in bush form or trained into trees. Some are pendula types, ideal for hanging-baskets or window-boxes. All types blossom magnificently throughout the summer in full sun or partial shade—there isn't an annual that blooms as well. And you don't have to replace Fuchsias, ever. The pots should be put in a cool basement just before frost and allowed to dry out slowly. Then, in springtime, cut them back sharply and they start all over again. (We send instructions for culture, and for wintering them.) The species' principal requirements are lots of water, and fertilization once every three weeks during the heavy blooming period. Shipped after frost in spring, unless you have a greenhouse.

Athlea. This beauty grows upright. The flower is single. Sepals are a pale pink flushed deeper on the tips; corolla is salmon-pink, overcast ever so slightly with rosy-mauve. It is very free-flowering, and you can grow it in bush or tree form. Each \$1.25, Three \$3.50, Doz. \$13.00

Berkeley. Here's a variety, a new one, for hanging basket or trailing plantings. The flowers are very large and double, and both sepals and corolla are Tyrian-rose. Each \$1.50, Three \$4.25, Doz. \$15.00

Blue Pendant. New 1959. Hanging basket type. The corolla is Wisteria-blue, the sepals and tube rose-pink. There were lots of "Oh's" and "Ah's" last summer about this hanger from greenhouse visitors. Each \$1.25, Three \$3.50, Doz. \$13.00

Butterfly. New 1959. A hanger, covered with large single flowers. Corolla, sepals, and tube are all crimson. Each \$1.25, Three \$3.50, Doz. \$13.00

Bernadette. This Fuchsia has great quality. Its habit of growth is upright and compact, and the flowers, of medium size, are beautifully double. The corolla is violet blue, the sepals a charming blending rose. Bernadette has been thoroughly proved here in bush and in tree form. Each \$1.25, Three \$3.50, Doz. \$13.00

Checkerboard. New 1959. Sepals of this strong upright grower are marble white, the corolla is cherry-red, and tube shades to a lighter complementary pink. Each 95c, Three \$2.70, Doz. \$9.50

Chief. Another new variety that grows strongly. Its heavy branches make excellent upright forms. The flower is exceptionally large and fully double, the corolla a rich purple, marbled with a red overlay. Sepals are red. Each \$1.25, Three \$3.50, Doz. \$13.00

Claire Evans. New 1959. This hanger or pendant plant has

double flowers. The heavily-frilled corolla is a delicate lavender, sepal and tubes a pale pink.

Each \$1.25, Three \$3.50, Doz. \$13.00

Crimson Beauty. Huge single flowers with bright crimson tubes and sepals, and a rich wine-red corolla. Upright, an extremely prolific bloomer.

Each 95c, Three \$2.70, Doz. \$9.50

Dark Eyes. New 1961. This is a hanging-basket type, one of the best. Its corolla is deepest violet, the sepals are red. Each \$1.50, Three \$4.25, Doz. \$15.00

Display. New 1961. Should have been called Pink Beauty for pink it is and it's a beauty. Grows upright and is bushy. Floriferous as all get out, one of the top ten in our book. Each \$1.50, Three \$4.25, Doz. \$15.00

Easter Bonnet. An upright variety, double pink, flushed rose corolla, and rose pink sepals.

Each \$1.25, Three \$3.50, Doz. \$13.00

Galli-Curci. Named after the singer, this Fuchsia sings its own lovely song. Use it for potted trailing or basket work. The flower is a single, sepals a very delicate rose; the corolla is pink-dark.

Each \$1.25, Three \$3.50, Doz. \$13.00

Golden Marinka. New 1959. This is a very unusual pendant. Its foliage is golden and variegated. It is a slow grower, but well worth waiting for. Flowers are profuse. Corollas are a solid and deep crimson, sepals and tubes carmine. Each \$1.25, Three \$3.50, Doz. \$13.00

Mrs. Victor Reiter. A very floriferous single with marble white tubes and petals, corolla a vivid deep rose. Upright. Each \$1.25, Three \$3.50, Doz. \$13.00

Muriel. New 1961. One of the best and most floriferous of the hanging-basket types. Its corolla is rose, veined with crimson. The thing actually has a bluish edge; sepals are solid crimson. You will like.

Each \$1.50, Three \$4.25, Doz. \$15.00

New Fascination. New 1959. Upright, and every bit as fine as Swingtime, last year's sensation. Flowers are large. The corolla is flared and pale pink, its veins cherry-red. And tube and sepals are cherry, too. A beauteous beaut. Each \$1.25, Three \$3.50, Doz. \$13.00

Phyllis. Another new Fuchsia that has been thoroughly tested here. It is upright, a very strong and robust grower. Flowers are single and corolla and sepals are alike in color—crimson, a most unusual solid color in this genus. Each \$1.25, Three \$3.50, Doz. \$13.00

Pink Fairy. A neat upright variety with large double clear pink corolla; sepals are a slightly deeper pink. Each \$1.25, Three \$3.50, Doz. \$13.00

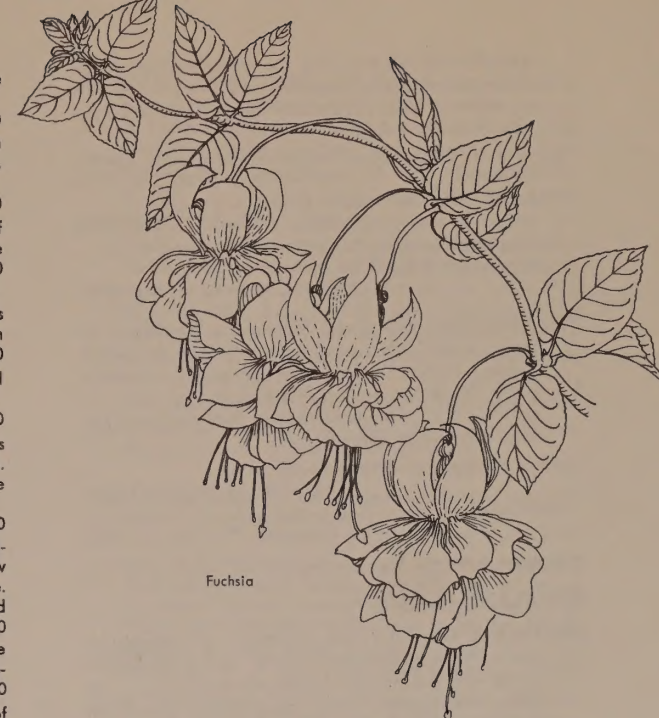
Purple Heart. New 1959. The biggest, boldest flowers you ever saw on a Fuchsia. The corolla is double-double, crimson-flecked purple. Sepals and tubes are solid crimson. An upright grower.

Each \$1.25, Three \$3.50, Doz. \$13.00

Shy Lady. New 1959. An upright solid-pink double sensation. Corolla is pale pink, sepals and tubes slightly darker pink. Each \$1.25, Three \$3.50, Doz. \$13.00

Southgate. Can be staked into bush or tree form, but is better used in baskets or window-boxes. Huge double pink flowers, tube and sepals being slightly deeper than the corolla. Each 95c, Three \$2.70, Doz. \$9.50

Swanley Yellow. But Swanley is not yellow. The single flowers are large, long and very graceful. Tube and sepals are of palest salmon and the corolla shades to



Fuchsia

brilliant orange-vermillion. Upright. We prize it.

Each \$1.25, Three \$3.50, Doz. \$13.00

Swingtime. Outstanding. Basket or upright type. Fully double milky-white corolla and sharply red sepals.

Each \$1.25, Three \$3.50, Doz. \$13.00

Whitemost. Basket or upright type. Attractive, delicate semi-double flowers with a pure white corolla; sepals are palest pink. Each \$1.25, Three \$3.40, Doz. \$11.95

COLLECTION OF SINGLE FUCHSIA. 6 plants, 4 upright, 2 trailers, one of them a new (\$1.50) variety. \$5.95

COLLECTION OF DOUBLE FUCHSIA. As above. \$5.95

COLLECTION OF SINGLE AND DOUBLE FUCHSIA. 8 plants, 4 singles, 4 doubles (4 upright, 4 trailers), 2 of them new (\$1.50) varieties. \$7.95

FUCHSIA BASKET OFFER. Choose any of the hanging or trailing types you want (we strongly recommend that you do not mix them in the same basket). With the plants we will send a strongly made 12-inch redwood hanging basket and three well-branched plants grown in 3-inch pots. Use any good garden soil to fill them. (Complete instructions enclosed for planting and care.) Each \$7.50. With imported wire baskets and sphagnum moss to line it, Each \$8.25.

FUNKIA—See Hosta

GAILLARDIA (Blanket Flower). They require a rich, light,

well-drained soil to survive the winter. Full sun. They bloom profusely all summer and seem to require no water. Highly satisfactory as cut flowers. Generally shipped in spring.

aurea pura. Large yellow flowers on strong stems. Height: 30 inches. Each 90c, Three \$2.50, Doz. \$9.00

Burgundy. Wine red. Flowers 3 inches in diameter. Each 90c, Three \$2.50, Doz. \$9.00

Portola Hybrids. Large flowers; centers dark red. Blends to copper, petals golden tipped.

Each 90c, Three \$2.50, Doz. \$9.00

****GALANTHUS** (Snow-drops). These charming white early-spring plants like a moist, cool soil. They do well in shade—under bushes, trees or along woodland paths. To get the desired effect plant about 3 inches apart in groups of six or twelve. They remain a lifetime. September shipment.

nivalis flore pleno. A large double white. Doz. \$1.10, 25 \$2.10, 100 \$7.50

nivalis simplex. White, medium flowered. Doz. 90c, 25 \$1.65, 100 \$6.25

GARDEN PINKS—See Dianthus

GAS PLANT—See Dictamnus

GERANIUM. Here the true Geranium, as opposed to the many large-flowered plants called Geranium. Those are greenhouse plants which belong to the genus Pelargonium. These lovely herbaceous plants are completely hardy and grow in all soils having good drainage. The best of them are dwarfs and highly usable in the rockery or in the perennial border. Propagate by division. Plant spring or fall.

G. dalmaticum. Use in the rockery or at the edge of the perennial border. It's a real dwarf with a spreading habit. Flowers, a delicate pink veined crimson, bloom on 6 inch stems all summer. Brilliant crimson foliage lasts into early winter.

Each \$1.10, Three \$3.00, Doz. \$11.00

GERMANDER—See Teucrium

GEUM (Avens). An extremely hardy plant with desirable foliage and flowers. Grows in ordinary soil. Does best in sun, but thrives in light shade. Plenty of moisture will make it bloom all season. Shipped spring or fall.

Lady Stratheden. Golden yellow double flowers on 2 foot stems. Each 85c, Three \$2.45, Doz. \$8.75

Mrs. Bradshaw. Brilliant scarlet double flowers on 2 foot stems. Each 85c, Three \$2.45, Doz. \$8.75

Princess Juliana. Double bright glowing orange flowers on 2 ft. stems. Profuse bloomer.

Each \$1.10, Three \$3.00, Doz. \$11.00

GLADIOLI. Not hardy, of course, but very valuable bulbous-root plants because they provide a succession of cut flowers all summer long. Gladioli do not generally make good border plants—they are too stiff. Start planting Gladioli corms in the cutting or



Gladiolus Atom

vegetable garden as early as you can work the ground, and continue planting at 2 week intervals until July 10.

If you are a Giant Breeder Glad fan we are not your boys. But if you like Gladioli miniatures (primulinus)—well, we have a few. They are charming, completely worthwhile.

G. primulinus. (Miniatures). The miniature, branching Gladiolus is a very desirable flower. It is decorative indoors without being overpowering.

Atom. A fine branching red, delicately silver-edged. It is the most versatile Gladiolus ever grown, and a must for every gardener. Reproduces prolifically.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

Ice Follies. New. A remarkable deeply-ruffled white.

Doz. \$2.35, 25 \$4.50

Melodie. Florets are rose-pink with a yellow lip. One of the daintiest of miniatures.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

Statuette. This variety comes into bloom very early. It is clear yellow with a purple splotch on the throat of each floret.

Doz. \$1.65, 25 \$3.10, 100 \$11.25

MINIATURE MIXTURE. We are proud of this mixture. It is loaded with the very best of the miniatures.

25 \$2.10, 100 \$7.50

G. Giant Breeder Mixture. This is a service offer to those of our customers who are not Gladioli hobbyists, but who want a succession of bloom for cut flowers. This mixture contains only No. 1 bulbs of twenty top varieties with a heavy loading of whites and ivories.

25 \$2.10, 100 \$7.50

GLOBEFLOWER—See Trollius

GLOBE THISTLE—See Echinops

GLORY-OF-THE-SNOW—See Chionodoxa

Notes, Continued

to develop patience, too. Gardening with perennials will do that and more for you.

Now start with Achillea, Page 1.

Mail order landscaping not our dish

An increasing number of requests asking for landscape service or advice are being received. We regret that we cannot provide this service—with or without fee. One reason is that without seeing the location, checking the soil, the moisture and the sun, we are helpless, and our advice without this data would be so marginal as to be useless. Another reason, and an equally compelling one, is that we are not staffed to provide a landscape service even for local customers. Landscaping is a completely different kind of nursery business, and it should be done by a professional landscape architect with no ties to a particular grower, if one is to get the best result. To repeat, we don't do this kind of work.

We also get a lot of correspondence regarding the growing of plants. Here we can be moderately helpful—if the plants are ones we know. Yes, there are thousands of plants we don't know, particularly the less hardy genera that are satisfactory, say, south of Philadelphia and north of Georgia. But before you write, please check the Plant Book for cultural information—or some gardening book. The point is that as you generally need this information fast, the best idea is to get it locally. We try to answer letters like this once a week, but during the busy spring and fall seasons we can't reply that promptly. Please don't think we are trying to discourage correspondence—we are merely setting the record straight about what you can expect in the way of answers.



A great non-hardy plant

Most of the Pacific Coast of America is a horticultural paradise. Every time we visit there we turn an unpleasant green—raw envy. For years the Fuchsias in that benign climate were at the top of our envy list. The lovely things grow in big bushes, in hedges—in profusion everywhere. Then one day in the high Sierras, as rugged a climate as can be found, we saw Fuchsias growing profusely—in pots. It changed our life, and even if we do say so it has changed the life of many temperate zone gardeners who have grown Fuchsias this way at our suggestion. They have learned not only that pot culture works, but that all Fuchsias are not fuchsia-colored, which is magenta, an unpleasant color to many. Perhaps you too are surprised to learn that Fuchsias come in red, in red

GRAPE HYACINTH—See Muscari

GRASS—See Russian Sweet Grass.

GRASS SEED—See Seed

GYPHOPHILA (Perennial Baby's Breath). A rugged plant in well-drained soil. Its flowers form a delicate and beautiful veil. Cut flowers make sensational bouquets by themselves; mixed with other flowers they form background clouds of white or pink. They are tap rooted, cannot be moved. We ship them from large pots. Don't expect much the first season. After that you can't find a more satisfactory border plant or cut flower. They become big plants—most varieties must be kept at least 2 feet apart. Blooms appear in June and July. Shipped spring or fall.

Bristol Fairy. Pure white double flowers. Keep one or two in cutting garden for floral arrangements as Bristol blooms repeatedly if kept cut. Height: 3 feet.

Each \$1.25, Three \$3.50, Doz. \$13.00

Perfecta. A new introduction from Europe with double white flowers at least twice the size of Bristol Fairy—and not almost twice the price. Perfecta, however, is less affected by cold and a far more vigorous grower than any Gypsophila to arrive this past decade. If this appears to be a "strong sell"—well, you are jolly right.

Each \$1.50, Three \$4.25, Doz. \$15.00

***repens rosea.** Here the creeping Gypsophila. It grows only about 4 inches high and spreads quickly. The plant is covered with a delicate cloud of tiny pink blooms from June onward.

Each \$1.10, Three \$3.00, Doz. \$11.00

***repens Rosy Veil.** "Dwarf" double pink, 2 feet high. Longer season of bloom, starts 2 weeks earlier.

Each \$1.10, Three \$3.00, Doz. \$11.00

HAMAMELIS (Witch Hazel) **vernalis.** Zone 4. Although commonly known as Vernal Witch Hazel, it is not commonly planted, but it should be for its masses of clear yellow flowers (spidery, delicate, mysterious things) in earliest spring are quite beautiful. Also, branches force to bloom in January just as easily as Forsythia. Flowers have a spicy fragrance. Vernalis eventually reaches an 8 foot height, which is about right for a tall shrub. Shipping plants are 2-3 feet. Shipped spring or fall. Each \$3.25

HAZEL—See *Corylus*, *Corylopsis*, *Hamamelis*

HEDERA helix baltica. Zone 4. The hardiest English Ivy, but it won't stand minus 30 degrees or more without considerable damage. We offer with a 2-inch ball of earth only. Shipped spring or fall.

Each 60c, Three \$1.70, Doz. \$6.00, 25 \$11.00, 100 \$42.00

HELLEBORUS (Christmas Rose). This strange fascinator blooms in winter, cares not a hoot about the coldest cold. Culture requires a cool, moist shady position (in the shade of trees or among ferns) and soil must be woody (mix it heavily with leaf mold and three year old cow manure; stay away from lime or inorganic fertilizers). Plenty of water is required in summer. Helleborus spreads from the crown; plant



Hemerocallis

at least 12 inches apart. Do not move after the plants are established—they resent it, you're almost sure to lose them if you do. Shipped spring or fall.

H. niger

Each \$1.50, Three \$4.25, Doz. \$15.00

HELIOTROPE—See *Valeriana*

HELENIUM. This family of perennials is tremendously useful in the any gardener's border because they are a bridge plant, i.e., they bridge bloom between Phlox and Mums, the August-September period when few perennials are in flower. Rudbeckia, Asters, and some Hemerocallis varieties are also bridge plants. Shipped spring or fall.

Brilliant. New. This import is one of the most satisfactory of the late summer-blooming perennials. With us blooms start in mid-August and continue in profusion for nearly six weeks. The plant is a 3-footer, heavily branched (no pinching required), and grows on a rugged stalk. Flowers are small but there are hundreds on each plant. Color? Well, all the brilliant tapestry colors of fall.

Each \$1.00, Three \$2.80, Doz. \$10.00

Note: Not available until fall, 1961.

Riverton Beauty. Bright yellow flowers highlighted with tints of orange. Blooms in August and September on very sturdy 4 foot stems. Each \$1.00, Three \$2.80, Doz. \$10.00

HELIANTHEMUM (Rock Rose). This broad genus of low-growing and largely evergreen shrubs is made up of sun-loving plants, disliking shade and damp places; they prefer a light soil heavily limed—the things grow wild on limestone formations. Plant spring only.

***H. nummularium mutabile.** A dwarf shrubby type that blooms from July through September. It likes full sun, needs winter protection in very cold climates (such as ours). Rarely grows more than 1 foot high. Colors are mixed.

Each 95c, Three \$2.70, Doz. \$9.50

HELIANTHUS (Perennial Sunflower) **multiflorus flore pleno.** Large sprays of bright yellow double flowers which resemble miniature dahlias. July and August bloomer. Height: about 4 feet. Spring shipment.

Each 85c, Three \$2.45, Doz. \$8.75

HELIOPSIS (False Sunflower) **scabra incomparabilis.** Semi-double blooms of rich golden yellow nearly 3 inches in diameter. Petals reflex downwards. Recurring bloom from late June to early fall make this variety a joy. Height: 3 feet. Shipped spring or fall.

Each \$1.00, Three \$2.80, Doz. \$10.00

HEMEROCALLIS (Day Lilies). These are of easiest culture; they multiply freely; are permanent and practically free of insects. Study blooming dates of varieties listed and order so that you have day lilies blooming from May to September. The hybridizers have gotten to work on the old-fashioned species and now we have varieties from softest yellow to almost fiery red—and to pink. Move Day Lilies any time; they are the toughest plants we know about.

Caballero. A large lily-like rosy-red-and-yellow bicolor. Flowers July and August. Height: 40 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Canari. Pale canary yellow. Large open blooms are satin finished. July-Aug. 38 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Colonial Dame. Flowers are a full 6 inches in diameter, light apricot in color, banded with pale rosy-tan, throat is golden. Blossoms over a long period in mid-season. Height: 36 inches. Each \$1.50, Three \$4.25, Doz. \$15.00

Coralline. Soft yellow, blends to pink in center. Aug.-Sept. 36 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Dolly Vardon. Open flowers of Chinese coral-pink with lines of rose on petals blended into a creamy-yellow throat. Flowers in July and early August. Height: about 40 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Duchess of Windsor. Broad cream-colored flowers with a golden glint. There is a flush of rose near the throat. The Duchess usually flowers in June and again later. Height: 30 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Flame Fagot. This solid orange-red variety does equally well in partial shade or full sun. Flowers in late June. Height: 30 inches. Each \$1.50, Three \$4.75, Doz. \$15.00

Garnet Robe. Deep velvety red florets with a yellow green throat. Blooms July. Height: 36 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Gay Troubadour. Outstanding bi-color of Indian red with light yellow sepals. July-August, 40 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Hesperus. Very large chrome yellow flowers of good form. July-Aug. 48 inches. Each \$1.00, Three \$2.80, Doz. \$10.00

Hyperion. Very large canary-yellow flowers. Best of all yellow day lilies. July-August. Height: 48 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Lady Fair. Flesh-pink with a creamy undertone and a beauty. Blooms August. Height: 36 inches.

Each \$1.50, Three \$4.25, Doz. \$15.00

Mikado. Rich orange with mahogany blotch at base of petals. June-July. Height: 36 inches.

Each 85c, Three \$2.40, Doz. \$8.75

Morocco Red. Rich velvety red. August-September. 34 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Mrs. B. F. Bonner. Light lemon yellow with broad petals. Blooms 6 inches in diameter. Profuse. June and July. 36 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Pink Angel. Baby ribbon-pink, shading to a somewhat lighter pink, makes this an outstanding variety in its color class. Blooms August. Height: 30 inches.

Each \$1.10, Three \$3.00, Doz. \$11.00

Pink Charm. Lovely soft pink. August 1-September. 30 inches.

Each \$1.10, Three \$3.00, Doz. \$11.00

Royal Ruby. A splendid crimson-red, 3 feet high. Flowers midseason. Each \$1.10, Three \$3.00, Doz. \$11.00

Sunny West. Large, waxy canary-yellow flowers. Profuse bloomer. July-August, 48 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Sweetbriar. Large soft ruffled salmon pink flowers. Aug.-Sept. 40 inches. Each \$1.00, Three \$2.80, Doz. \$10.00

Talisman. Large salmon-pink with chartreuse throat. July-August. 36 inches. Each \$1.00, Three \$2.80, Doz. \$10.00

Vesper. A very pale cream whose florets are slightly ruffled. Should have been named Delicious-and-Delovely. Blooms July-August. Height: 39 inches.

Each \$1.50, Three \$4.25, Doz. \$15.00

Everblooming Hemerocallis Gardens. One of the most satisfactory borders on The Farm is a solid Day Lily planting. It blooms from May to September. It is now six years old and so thick little weeding is ever required. These rugged plants, half shaded by two maples, compete successfully with the roots of those vigorous trees, bloom more profusely every year.

Yellow to Golden Collection #1. Twelve plants, each a fine variety, individually marked, (value about \$10.00) for \$8.75.

Yellow-Golden Collection #2. Thirty-six plants of twelve varieties (value about \$27.00) for \$22.50.

Darker Colored Day Lily Collection #1. Not quite so early or so extensive as the yellow-golden types but quite satisfactory. Six plants, each a different variety, individually marked, (value \$4.50) for \$3.75.

Darker Colored Day Lily Collection #2. Three each of the above. Eighteen plants (value \$12.00) for \$9.50.

Pastel Day Lily Collection. Six plants of these lovelies, each different and marked, (value about \$6.00) for \$4.95.

HEMLOCK—See Tsuga

HENS-AND-CHICKENS—See Sempervivum

HERBS for Kitchen Gardens. Nearly all are perennials and very hardy; all are for eating except lavender. You don't need many plants—this is strong stuff and in cooking use sparingly. Remember, you are after a flavor, not a taste. There are many more herbs but these are the best ones for cooking. Plant them convenient to the kitchen in full sun. They are not fussy about soils—but in very cold climates give them a light covering of salt hay or straw. (Temperatures in Litchfield go to as low as minus 20 degrees. We have no trouble even when we forget to cover. Yes, we forget things like that, too.) Shipped spring or fall.

Chives. The flower, a small purple cluster on 10-inch stems,



appears in early June and is decorative. Use finely chopped leaves for flavoring salads or hors d'oeuvres. Strong grower, reproduces itself each time it is cut back.

Each 50c, Three \$1.35, Doz. \$4.80

Costmary. Use the whole leaf or chopped leaves to brighten mid-summer lettuce or vegetable salads.

Each 90c, Three \$2.50, Doz. \$9.00

Lemon Balm. Good in mint sauce when used with fish, lamb and beef or in salads. Use sparingly, please.

Each 90c, Three \$2.50, Doz. \$9.00

Lovage. Excellent for soup. It can be used either fresh or dried in recipes that call for curry. But be careful—one leaf of fresh lovage is enough in soup for four.

Each 90c, Three \$2.50, Doz. \$9.00

Origanum vulgare (Marjoram). Use leaves sparingly to flavor soups and gravies. Dry leaves and young shoots for winter use. This is better by far than what is usually sold as marjoram.

Each 90c, Three \$2.50, Doz. \$9.00

Rosemary. Not hardy, but a necessary herb. Plant it in a large pot and winter it over as an indoor house plant. Not included in the Kitchen Garden below. Pot-grown.

Each \$2.00, Three \$5.75, Doz. \$20.00

Sage. Dry leaves are used for flavoring meats, soups, stuffings, dressings. Each \$1.10, Three \$3.00, Doz. \$11.00

Salvia rutilans. (Pineapple Sage) When crushed, the leaves of this plant have a definite pineapple aroma and taste. Flavor fried ham with it, make a tea, try one leaf in vegetable soup, garnish a fruit salad—you'll think of many other ways to use this herb. Be sure to lift and protect over winter for it is not hardy.

Each \$1.00, Three \$2.80, Doz. \$10.00

Spearmint. Mint flavor for beverages or meats, particularly lamb. Each \$1.00, Three \$2.80, Doz. \$10.00

Sweet Cicely. A few chopped leaves added to salads and cold dishes give a delightful zest.

Each \$1.10, Three \$3.00, Doz. \$11.00

Tarragon. This is a basic cooking material in France. Fresh leaves and stalks added to vinegar produce tarragon vinegar. Fresh leaves also are chopped finely and dropped into salads or used to garnish meat or fish. Dried leaves flavor soups and pickles. A kitchen without tarragon is almost in the same boat as a kitchen without salt or pepper.

Large plants, Each \$1.25, Three \$3.50, Doz. \$13.00

Thyme (Common, or Thymus vulgaris). Fresh leaves are used in salads; dried leaves are important for meats, soups and gravies.

Each 90c, Three \$2.50, Doz. \$9.00

Notes, Continued

and white, in pink, rose—even in pure white. One is described as blue, but it's not a navy or baby hue. It merely is as close to blue as Fuchsia hews.

Fuchsias are also wonderfully versatile plants for pot culture. Some are trailers that make wonderful hanging baskets, others are strictly bushy types, most can be trained as trees if you are willing to spend a couple of seasons shaping them. We call your attention to one of the very best, Swingtime. Its blossoms are big showy things that are chalk white and bright red. Swingtime can be used in baskets, in bush form or as a tree. (See the cover.)

How does one winter Fuchsia? Defoliate it by withholding water, put it in a 40 degree storage area, keep the roots slightly damp by watering once a month during the winter. This isn't much trouble to take with a plant so rewarding as Fuchsia, a plant that blooms and blooms and blooms all summer long. There are few plants that can compete with Fuchsia in this regard.

One exception and also not hardy: Lantana Sellowiana, a trailing variety covered with pinkish-lavender flowers all summer long, and in winter, too, if you have a greenhouse. It is best for baskets.

Two public gardens

In Massachusetts, close to Tanglewood, which is dear to music lovers, is the Berkshire Garden Center, dear to gardeners who have seen it. This lovely garden, run and financed by a group of New England and New York garden clubs, is casual and charming. Here borders are laid out as you might do them, not lavishly. There is a pleasant rose garden of workable size, a herb garden in lovely detail, sweeps of herbaceous borders, excellent tree specimens of many kinds, a small pond, polyanthus in profusion under the shade of apple trees—several interesting test borders. Berkshire is a couple of acres, manageable. And it is managed by an agreeable fellow, Mr. Roy Boutard, who is always willing to stop and chat. Berkshire Garden Center is a pleasant place to see, you walk as you do at home—on the lawn. Although the word Center is in its name, nothing is for sale. Plantings are generally well marked, sources given, too.

The gardens at Sterling Forest, up Tuxedo way not too far from New York City, are planned to be as spectacular as the European gardens. The Sterling Forest Gardens have been three years in the making and were opened to the public for the first time in 1960. Here you see grand plantings—hundreds of thousands of spring-flowering bulbs, roses and nearly everything else by the acre. Robert Dowling's City Investing Company, a large realty development concern, is the angel, and some day they hope it will outclass anything one can see in Europe—or at least equal it. Mr. Dowling knows that it takes years to develop such a garden. The start is stunning,

An Old-Fashioned Kitchen Garden

Three each of Chives, Costmary, Marjoram, Sage, Sweet Cicely, Tarragon, and Thyme. Plus one Lavender, one Pineapple Sage, one Lovage.

Twenty-four plants. A \$20.00 value for . . . **\$17.50**

TELlicherry BLACK PEPPER CORNS. We offer these premium pepper corns in this section as a spice to supplement the Herb list. You do not grow these Tellicherry corns, you grind them. Tellicherry Black in whole corns is the gourmet's black pepper, as necessary to good cooking and salad-making as Tarragon and Cress. Premium Tellicherry normally is not obtainable in your supermarket. All the following packages make delightful gifts.

Tellicherry-Canister-Mill Set. Two pounds of premium corns in a red-lacquer metal canister with two handsome, specially-made imported pepper grinders. Two pounds of Tellicherry corns will supply the average family for from two to four years. No, Tellicherry will not spoil or lose flavor—pepper in corns can be kept perfectly for twenty-five years or more. Shipped postage prepaid anywhere; \$9.95.

Tellicherry-Table Mill Set. One pound of Tellicherry and a hardwood mill (4¾" high) that looks well on any table. Postage prepaid, Each \$5.95.

Tellicherry by the pound. Plastic one-pound bags of premium Tellicherry corns. Postage prepaid, each \$3.95. (We do not package in smaller quantities.)

***HEUCHERA** (Coral Bells). They like a rich, moist, well-drained soil, but they'll grow in practically anything. Plant 6 inches apart in the border in clumps of 3, 5 or 7, or use as edging plant. Divide about every third year. Shipped spring or fall.

Jubilee. New 1961. This new European import provides a charming pink form of this highly useful genus. It is also large-flowered and very free-flowering. Blooms from June until September.

Each \$1.25, Three \$3.50, Doz. \$13.00

sanguinea. Flowers bright crimson on 12 to 18 inch stems. Free flowering from June to September. Excellent for cutting.

Each \$1.10, Three \$3.00, Doz. \$11.00

Rocket. The very best and clearest of the reds. Stems grow to 24 inches under best culture. Flowers in June and July.

Each \$1.25, Three \$3.50, Doz. \$13.00

Rosamundi. Bright coral-pink bells on 24 inch stems. Excellent cut flower.

Each \$1.25, Three \$3.50, Doz. \$13.00

White Cloud. White bells blending to cream on 18-inch spikes. Blooms June through September if kept cut back. Rock garden plant, too.

Each \$1.10, Three \$3.00, Doz. \$11.00

HIBISCUS SYRIACUS—See Althea

HOLLYHOCK—See Althea rosea

HONEYSUCKLE—See Lonicera

HOSTA (Plaintain Lily). Very hardy with handsome leaves and lily-like flowers. Likes any moist location in full or part shade. Shipped spring or fall.



glauca. Large blue-green leaves, violet flowers.

Each \$1.10, Three \$3.00, Doz. \$11.00

Honeybells. Fine soft lavender-lilac trumpets on 3 ft. spikes (flowerettes about 1½" in diameter). They are marked with darting blue on a white underbase. Fragrant. Large grass-green foliage. New.

Each \$1.10, Three \$3.00, Doz. \$11.00

subcordata grandiflora. Large pure white, lily-shaped flowers in August and September. Used extensively as a ground cover.

Each \$1.50, Three \$4.25, Doz. \$15.00

variegata. Green and cream variegated leaves, violet-blue flowers.

Each \$1.10, Three \$3.00, Doz. \$11.00

****HYACINTHS.** Plant these bulbs about 6 inches deep and be positive that drainage is excellent, for they are guaranteed to rot out if water stands on them. Otherwise they'll last for years. These are big bulbs—18 to 19 cm—and true to variety. All are splendid bulbs for forcing. September shipment.

Anne Marie. The softest of pink.

Carnegie. Pure white bells of unusual size.

City of Haarlem. Bright yellow.

Delft Blue. Well, it's Delft blue.

La Victoire. Carmine-rose.

Ostara. Dark blue.

Pink Pearl. Rose-pink.

All of the above are the same price per variety, as follows: Six \$2.10, Doz. \$3.60, 25 \$6.90, 100 \$25.00

HYACINTH MIXTURE: 12 bulbs, same size as above, \$3.45

HYDRANGEA. These useful shrubs are a must in any shrub border. All are extremely hardy. The plants are not fussy but do best in full sun in well-drained locations. Shipped spring or fall.

Cinerea sterile. Trusses of white flowers 3 to 6 inches across. Ultimate height 4 to 6 feet. Each \$3.50, Three \$9.75

H. macrophylla. Bouquet Rose. Excellent plant that produces pink flowers with fine rounded heads. In mild climates it will grow to 12 feet; here about 5 feet is the limit. To make the large heads blue add 1 to 2 pounds of aluminum sulphate to the soil in November—for very large plants use up to 10 pounds. If your soil is sandy, you can have blue flowers one year, pink the next, thereby confounding everybody, including yourself. Each \$3.50

Nikko Blue. Huge blue cones on long canes which die down each winter. Each \$2.50, Three \$7.15, Doz. \$25.00

petiolaris. Zone 4. This climbing form of Hydrangea is a rampant grower—it can reach a height of 60 feet if you have a height like that to reach. Petiolaris is a bushy climber which clings tight by means of air roots like Ivy. It has clusters of small white flowers which make quite a show on a mature plant. Or hide trunks of trees that are ungainly with petiolaris—or ugly walls. Well-rooted 15-20 inch plants which zoom like Jack's bean stalks. Each \$5.95

quercifolia. Large white panicles borne on slow-growing 5 ft. shrub. This variety is commonly called the Oak-leaf Hydrangea because of the similarity in shape of leaves, which, also like Oak, are colorful in autumn.

Each \$3.00, Three \$8.50

***Thunbergii.** A charming low Hydrangea rarely exceeding 3 feet. Flowers are blue or white, with white, pink, or bluish gray florets. 12-15 inches. Sold out this year. \$3.75

HYPERICUM. There are several varieties of this fine low-growing shrub that flowers brilliantly from early summer until stopped by frost. They make excellent specimen plantings in the perennial border or in the foreground of shrub plantings. Spring shipment.

Hidcote. A fine dwarf shrub with bright yellow cup-like flowers two inches in diameter. Generally freezes back. However, it blooms on new wood in late June to August.

Each \$2.75, Three \$7.85, Doz. \$27.50

IBERIS (Perennial Candytuft). Requires nothing extraordinary in soils. Plant, fall or spring, 6 inches apart. Shipped spring or fall.

***Little Gem.** Pure white flowers in May. True dwarf, flowers reach 6 inches in height, foliage about 3 inches. Perfect edging plant; excellent for rock gardens.

Each 90c, Three \$2.50, Doz. \$9.00

***Purity.** New and somewhat larger than Little Gem. Very uniform in growth; plants look like miniature evergreens after being a mass of white when flowering in May.

Each \$1.00, Three \$2.80, Doz. \$10.00

IRIS (Bulbous). Excellent rock garden plant. Best described as a small form of Dutch Iris. Can easily be forced into bloom in the house. Plant 6 to 8 in a 4 to 5 inch pot. Fragrant blossoms resemble bunches of Violets. Hardy with reasonable protection. Plant these in the rock garden under white Arabis. Shipped in September.

Danfordiae. Bright yellow. Doz. \$1.10, 25 \$2.10, 100 \$7.50

****reticulata.** Dark purplish blue.

Doz. 85c, 25 \$1.60, 100 \$5.75

IRIS (German). These are all showy creatures—big flowers, sturdy stems, fine coloring. You can't really go wrong with any of them. Plant in mass by variety for the best results. Shipped July-August-September.

Ali Baba. Award of Merit. Deep garnet falls with slightly lighter standards make this an outstanding solid color Iris. Each \$2.00, Three \$5.75, Doz. \$20.00

Amandine. Fluted blossoms of frosty lemon-cream. Resists



Iris Germanicus

rain and heat. 36 inches.

Each 75c, Three \$2.15, Doz. \$7.50

Argus Pheasant. Smooth textured self of golden brown with matching beard. Height 36 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Black Hills. Ebony-blue-black large flowers widely spaced on stems that grow to nearly 4 feet. Award of Merit, 1954.

Each \$2.50, Three \$7.15, Doz. \$25.00

Blue Rhythm. Huge, cornflower-blue blooms with a soft overtone of silver. Perfectly branched. 42 inches.

Each 75c, Three \$2.15, Doz. \$7.50

Blue Shimmer. The blue is peppered evenly on a white background. Fragrant and outstanding.

Each 75c, Three \$2.15, Doz. \$7.50

Blumohr. Award of Merit. This lovely lavender seedling of William Mohr is devoid of veining taints.

Each \$2.00, Three \$5.75, Doz. \$20.00

Burgundy Splash. Large flowered; its standards are a muted burgundy-red, falls a creamy-yellow, heavily stippled intense burgundy-red on the edges.

Each \$1.25, Three \$3.50, Doz. \$13.00

Cathedral Bells. An outstanding new pink Iris. It is a vigorous plant with strong stems carrying delightfully ruffled light shrimp-pink flowers. Honorable Mention, 1953. Height: 40 inches. Each \$2.00, Three \$5.75, Doz. \$20.00

Chantilly. A ruffled orchid-pink. Edges of both standards and falls are so heavily ruffled and frilled they appear to be edged with lace of a lighter shade. 36 inches.

Each 75c, Three \$2.15, Doz. \$7.50

Cherie. This unusual and charming pink creature is accented with a finely-toned tangerine beard. The bloom is in perfect color balance and is also huge. 36 inches. Only six to a customer. Each 75c, Three \$2.15, Doz. \$7.50

Chivalry. A large and heavily ruffled flower of medium blue. Dykes Medal winner. 36 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Cloud Cap. The largest of the flamingo pink varieties (often 7 inches across) with a showy tangerine beard. Award of Merit, 1953. Height: 40 inches.

Each \$2.00, Three \$5.75, Doz. \$20.00

Ebony Echo. Award of Merit. Carmine-red with a black sheen.

Each \$1.50, Three \$4.25, Doz. \$15.00

Elsa Sass. Clear sulphur-yellow with a pleasant greenish cast. Slightly frilled. 36 inches.

Each 75c, Three \$2.15, Doz. \$7.50

Frances Kent. Standards are chartreuse-cream with a flush of pink, the falls are lighter with a pinkish orange beard. Award of Merit, 1954. Height: 3 feet.

Each \$2.50, Three \$7.15, Doz. \$25.00

Gala Finale. The rich yellow plicata is so heavily overlaid with glowing Indian-red that at first glance you think only of red.

Each \$1.50, Three \$4.25, Doz. \$15.00

Gene Wild. A most pleasing warm white flower with old rose colorings. Honorable Mention, 1955. Height: 3 feet.

Each \$2.95

Golden Ruffles. This variety branches excellently and blooms profusely. Flowers are a soft golden-yellow; they are also beautifully frilled and ruffled.

Each \$1.00, Three \$2.80, Doz. \$10.00

Happy Birthday. Award of Merit. A flamingo pink; a beaut.

Each \$2.50, Three \$7.15, Doz. \$25.00

Helen Collingwood. Award of Merit. Light lavender standards and brilliant purple falls. Ruffled.

Each \$1.50, Three \$4.25, Doz. \$15.00

Helen McGregor. A clear, pale blue, and a top award winner. 40 inches.

Each 75c, Three \$2.15, Doz. \$7.50

Helen McKensie. Tests here indicate that this is the best new pure white addition to this genus in a long time. The thing glistens.

Each \$1.50, Three \$4.25, Doz. \$15.00

High Tor. Award of Merit. A huge dark blue on the sturdiest of stalks. A show flower if we ever saw one.

Each \$1.25, Three \$3.50, Doz. \$13.00

Jane Phillips. A new light true blue. Deeper in color than Helen McGregor.

Each \$1.00, Three \$2.50, Doz. \$10.00

Lady Boscawen. Alabaster-white and slightly ruffled. Light yellow beard. 42 inches.

Each 75c, Three \$2.15, Doz. \$7.50

Maytime. Award of Merit. A two-toned lilac-pink with falls darker than the standard. White beard.

Each \$2.00, Three \$5.75, Doz. \$20.00

New Snow. Huge white blossom beautifully ruffled. Bright yellow beard. 36 inches.

Each 75c, Three \$2.15, Doz. \$7.50

Ola Kala. This is a deepest yellow color, the bloom highly ruffled. 38 inches.

Each 75c, Three \$2.15, Doz. \$7.50

Oriental Glory. Yes sir, as oriental as all get out, and, happily, glorious—which we didn't expect when we first read its description. Standards, the originator said, are a velvety mahogany-red, the falls a rich and deep chestnut brown shading to gold. There is a blue blaze at the tip of the orange beard. All this sounds like a badly decorated Christmas tree, but when you see it, in growth, you'll agree that it is all right.

Each \$1.50, Three \$4.25, Doz. \$15.00

Pagan Princess. Persian-pink standards and rose-colored falls

Notes, Continued

worth the trip. Unlike Berkshire, to which there is no admission charge, it costs \$1.50 to see the Sterling Gardens—and worth it. Some plants can be purchased there. (We must be out of our mind to be so dedicated to fact . . . facts like that.)



For your attention

Nearly every plantsman has a stable of material on which he prides himself. We've already pointed out some of ours—the Exbury Azaleas, Fraises des Bois, Fuchsias, the unusual or rare evergreens for planting Bonsai dishes, etc. Here are some others we should highlight, because 1) we think they have better-than-average gardening quality, and 2) we have good stocks of them and it would be downright ridiculous if we didn't try to make a sale or two in this area at this time of year.

ASTERS. Don't confuse these with annual types. Ours are all perennials, most of them relatively new imports from England. We call them bridge plants because they bloom in late summer—they bridge bloom between Phlox and Chrysanthemums. Although their forebear is the Michaelmas Daisy, an American weed, you'll not find these the least weedy.

BEGONIA. All of the best American types are under this listing. Tubers are fat little fellows, which produce the best bloom, not big "platters," which look good but produce small flowers and gangling foliage.

Now we call your attention to tuberous Begonias that can only be found here in the U.S., the English Blackmore and Langdon originations. These are raised from cuttings, not seed. They are for Begonia fanciers who can handle them properly, and who live in climates where tuberous Begonias flourish. We supply propagating instructions. One of a kind is all a gardener should buy; he should then increase stock from the original. It's worth a good long trip in July, August or September to see these things in full bloom. Unless you go to England you can't see this sight duplicated.

BUDDLEIA. You all know the varieties that die to the ground in winter. We have two woody Buddleias (they are species) that do not kill back to the ground. Each becomes a sizable shrub. Read the descriptions of *B. alternifolia* and *B. a. argentea*. They can only be shipped in small sizes with a ball of earth (you cannot transplant them); maybe that is the reason these lovely plants are not better known.

CHRYSANTHEMUMS. We are not specialists in breeding these satisfactory plants—there are hundreds of Mum breeders who introduce thousands of "new" varieties

makes this Iris quite distinctive. Beard is tangerine.

Each \$1.00, Three \$2.80, Doz. \$10.00

Palomino. The standards are a blend of ivory, soft amber-copper and pink. The falls are ivory with a narrow band of amber-copper extending around the outer edges. Award of Merit, 1954. Height: 3 feet. Each \$2.95

Pink Bountiful. Largest and best of the orchid-pink Iris. Petals are broad and have a heavy texture. 40 inches. Each \$2.00, Three \$5.75, Doz. \$20.00

Pink Cameo. One of the new "flamingo" pinks. It is truly pink, devoid of violet color. Tangerine beard. 36 inches. Each 75c, Three \$2.15, Doz. \$7.50

Pink Formal. Very large, wide petaled deep pink on the salmon side with a deep red tangerine beard. Height 36 inches. Each \$1.00, Three \$2.80, Doz. \$10.00

Pink Sensation. Award of Merit. This is one of the finest of the pinks—and that is all that need be said now the price is reasonable. Each \$1.00, Three \$2.80. Doz. \$10.00

Pinnacle. Sparkling white standards with primrose-yellow falls. Very outstanding. Scarce. 36 inches. Each \$1.00, Three \$2.80, Doz. \$10.00

Ranger. Dark but very bright almost true crimson-red, self colored. It has long, cone-shaped, closed standards and wide falls of glossy velvet texture. Bronze orange beard. Late bloomer. 36 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Rocket. An orange self. The standards are pure deep chrome and the falls orange-chrome. The burnished finish on the falls adds depth to the color. 36 inches.

Each 75c, Three \$2.15, Doz. \$7.50

Rosedale. Ruffled rose pink blend. The falls are held squarely horizontal. Height 30 inches.

Each \$2.50, Three \$7.15, Doz. \$25.00

Ruffled Organdy. Frankly, ordinary organdy that is ruffled quickly gets plain messy. This one does not. It's ivory-cream flushed lavender-pearl with edges lightly etched in gold. Each \$2.00, Three \$5.75, Doz. \$20.00

Sable. The blackest flower you ever saw; call it black-violet. 38 inches. Each 75c, Three \$2.15, Doz. \$7.50

Savage. We didn't find it so—sure, the flaring flowers are burnished red with shots of blue, but it's distinctive, not savage. The variety repeats bloom. Fireworks would have been a better name for it.

Each \$2.00, Three \$5.75, Doz. \$20.00

Snow Flurry. Ice white, which means there is a bluish cast. Outstanding. 48 inches.

Each 75c, Three \$2.15, Doz. \$7.50

Solid Gold. The deepest yellow imaginable; beautifully formed and large flowers on well branched stems. Award of Merit, 1953. Height: 3 feet.

Each \$2.50, Three \$7.15, Doz. \$25.00

Solid Mahogany. New red. Beautifully formed, color described by its name. Deep bronze-gold beard accents the richness of the plush-like falls. 36 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Technicolor. A brilliant reddish-brown that is a lot clearer than some technicolor we've seen.

Each \$1.25, Three \$3.50, Doz. \$13.00

Tranquility. This is a nice switch in name from Everest or Mt. Hood for a white flower. It's all white, and even if some reader comes up with an all white mountain called Tranquility, we still think this is a nice name for a white flower. Each \$1.25, Three \$3.50, Doz. \$13.00

Truly Yours. A charming new bright yellow-and-cream iris with both standards and falls edged like Chantilly lace. The heart of the flower is bright yellow shading to almost white at the edges. Award of Merit, 1951. Dykes Medal, 1953. Height: 40 inches.

Each \$2.50, Three \$7.15, Doz. \$25.00

Yellow Organdy. Pale yellow blooms tinged green make this a charmer and it should have had two Awards of Merit instead of none. Each \$2.50, Three \$7.15, Doz. \$25.00

YELLOW-TO-GOLDEN IRIS COLLECTION. 7 plants our selection, a \$6.00 value for \$5.25

YELLOW-TO-BLUE IRIS COLLECTION. 7 plants our selection, a \$5.50 value for \$4.75

WHITE-TO-BLUE IRIS COLLECTION. 7 plants our selection, a \$5.75 value for \$5.00

RED-TO-WHITE IRIS COLLECTION. 7 plants our selection, a \$7.00 value for \$6.25

RED-TO-YELLOW IRIS COLLECTION. 7 plants our selection, a \$7.00 value for \$6.25

PINK IRIS COLLECTION. 6 plants our selection, a \$5.50 value for \$4.50

NOTE: For any two collections sent to the same address, deduct 10 per cent from the special collection price; for any three of the above collections, deduct 15 per cent from the special collection price.

IRIS KAEMPFERI. The Japanese Iris. These fine flowers resemble orchids. They are hardy anywhere, must have moisture. But don't let water stand on them—they like their feet damp, their ankles dry. Spring shipment.

Eleanor Parry. Rich reddish purple. Double.

Each \$1.00, Three \$2.50, Doz. \$10.00

Gold Bound. Pure white double with golden band on each petal in the center zone.

Each \$1.25, Three \$3.50, Doz. \$13.00

Kagari Bi. One of the loveliest rose-pink flowers to be introduced in this great family. Petals are veined silver.

Each \$1.00, Three \$2.80, Doz. \$10.00

Kumchii Gumii. Since the war our Japanese has become pretty rusty. For all of us this may be the name of a famous Kobe garden, an island—or bubble gum in Japanese. No matter. The flower itself is mahogany blending to blue, the centre yellow. It is entirely beautiful.

Each \$1.00, Three \$2.80, Doz. \$10.00

Mount Hood. A double light blue shaded darker, set off with bright orange center.

Each \$1.00, Three \$2.80, Doz. \$10.00

Purple and Gold. Velvet purple flowers with golden throat. Double.

Each \$1.00, Three \$2.80, Doz. \$10.00

Queen of Blues. This light orchid-colored flower has a blue cast and is veined white. Very pleasant to live with.

Each \$1.00, Three \$2.80, Doz. \$10.00

Rose Anna. Light wine-red, heavily veined purple and clear golden banded throat. Double.

Each \$1.00, Three \$2.80, Doz. \$10.00

***IRIS PUMILA.** These are miniatures, bloom in April and



Japanese Iris

May. Excellent border or rockery plant. Shipped spring or fall.

Sambo. This little fellow was named long before the present race problems. We have no intention of changing it for we don't think any of our most liberal customers will object. It's a little fellow (6-8 inches high) of such a deep rich purple that it is nearly black.

Each 85c, Three \$2.45, Doz. \$8.75

Sangreal. The flowers of this variety are far larger than other Pumilas, and under most conditions seem to be more profuse—dozens of clear yellow blooms in the spring. And, hear this, it also blooms again in the fall. For this quality it should cost more than it does.

Each 85c, Three \$2.45, Doz. \$8.75

White Autumn Queen. A white; blooms spring and fall. 8 inches.

Each 85c, Three \$2.45, Doz. \$8.75

IRIS SIBERICA. Caesar's Brother. An extremely rugged Iris, excellent for covering and holding back steep earth bank. Color is blue to a rich (nearly black) pansy-violet. Each 95c, Three \$2.70, Doz. \$9.50

IVY—See Hedera

JACOB'S LADDER—See Polemonium

JONQUILS—See Narcissi

KERRIA japonica variegata. This shrub, with beautiful variegated leaves, will grow about 4 feet tall, spread as much. Tiny yellow flowers are produced in spring and continue intermittently thereafter. Shipping plants have a spread of 12-15 inches, are 15-18 inches high. Shipped spring or fall. Each \$4.25

Lantana Selloviana



KOLKOWITZIA AMABILIS (Beauty Bush). A favorite of pink bell-shaped flowers in June. It tolerates poor or dry sandy soil and is of easiest culture. The foliage is heavy and covers the plant to the ground. Height, 8 feet. Beauty Bush is a glorious hedge plant.

Each \$3.00, Three \$8.50, Doz. \$30.00

LANTANA. Trailing or Weeping Form. In sunny California and in the South trailing Lantana is used extensively to cover banks, in baskets—nearly everywhere. In mild climates it is a hardy shrub. In the more northern areas of the country Lantana is not hardy, but it is nevertheless an extremely useful plant, and northern gardeners who neglect it are missing a great decorative plant. Its outstanding feature is mass bloom all the time—365 days a year, and we are not exaggerating a mite's worth. Use it in baskets, in pots high on a terrace, in window boxes. Just use it. Bring it inside and it will bloom its head off all winter. On the other hand, if you have no place for it indoors, this Lantana can easily be wintered-over. (Our instructions, sent with each order, tell how). Until quite recently Trailing Lantana could only be had in the species form (Selloviana). Due to the fine work of a California hybridizer, six new colors are available. You'll be delighted with them. Shipped in spring after frost, unless you have a greenhouse.

Confetti (Patented). An excellent tri-color. The individual flowers in each cluster are yellow, pink and a blending purple, which sounds impossible, but isn't at all, for the effect is that of confetti on a green carpet.

Each \$1.25, Three \$3.50, Doz. \$13.00

Cream Carpet (Patented). The masses of flowers on this charmer are a heavy cream color centered yellow at the throat. The leaves are a particularly lush green and very heavily produced.

Each \$1.25, Three \$3.50, Doz. \$13.00

Gold Rush (Patented). Masses of solid gold all yours for the planting.

Each \$1.25, Three \$3.50, Doz. \$13.00

Pink Frolic (Patented). Some of the flowers in the large cluster are creamy with a yellow throat, but most of them are two-tone pink.

Each \$1.25, Three \$3.50, Doz. \$13.00

Selloviana. Here the species and the most prolific bloomer of all. Color is a dainty all-over pinkish-lavender. Selloviana by the thousands have been satisfactory everywhere, and we don't for a moment think that the new varieties will make it any less popular.

Each \$1.25, Three \$3.50, Doz. \$13.00

Spreading Sunset (Patented). Vividly colored yellow and red flowers do indeed give it a sunset color. Leaves are a very dark green.

Each \$1.25, Three \$3.50, Doz. \$13.00

Sunburst (Patented). About the brightest solid yellow clusters—and large ones, too—that you will ever see.

Each \$1.25, Three \$3.50, Doz. \$13.00

LANTANA-BASKET OFFER: Choose the varieties you want (we strongly recommend that you do not mix them). We will send you an excellently designed and made 12-inch redwood hanging basket and three well-branched plants grown in 3-inch pots. Use any good garden soil to plant them. (Complete instructions for planting enclosed). Each \$7.50. With imported wire basket and sphagnum moss to line it. Each \$8.25.

NOTE: You will be able to find baskets of various sizes at the nursery in full growth. They range from \$8.50 up depending on size.

LAVANDULA (Lavender). Lots of people grow Lavender for its fragrance and put it in sachets for linen, or whatever you have that you want to have smell like Lavender. But we think Flannelle by Lubin does a better job in the sachet business, and, oddly enough, not one of their sachets smell a bit like Lavender. Our interest in Lavender is that the genus produces several excellent garden plants that should be used a whole lot more than they are—as plants, not oddities with an odor. Some are small, others tall. They like a well-drained soil and lots of sun. Plant in masses or use as hedges. Each year cut them back to just above last year's point of growth. Plant spring or fall.

L. **Hidecote.** A variety with very deep violet-blue blooms, extremely compact. Grows to about 18 inches. Excellent for small hedges. Each \$1.10, Three \$3.00, Doz. \$11.00

L. **Munstead Dwarf.** This 12-inch dwarf is a very deep heliotrope in color and like all Lavender is very fragrant. Munstead is the lowest-growing variety, excellent for a hedge or as a high edging plant for a shallow border.

Each \$1.10, Three \$3.00, Coz. \$11.00

LEMON BALM—See Herbs

Notes, Continued

every year. Our specialty is in picking the winners in this flood of new products, and though we make some mistakes our batting average is generally high—higher than most amateurs' who are not fanciers. Also, we feel strongly about selecting Mums now and planting them in the spring, instead of buying plants in bloom in the fall and moving them. Why? Because your chances of wintering fall-planted specimen Mums are exceedingly low. Not a chance worth taking.

DELPHINIUM. This is a specialty here. Not only do we hold this Queen of Garden Flowers dear, but our climate is nearly ideal for producing them. We particularly call your attention to Bedder Grade Dels—they are bushy plants grown in three-inch bands and cost half as much as the year-old Border Grade. First bloom from these will be this fall; you'll get tremendous stalks the following spring. Our own opinion is that this is the way Dels should be bought this time of year—use Border Grade for early fall planting to get maximum bloom the following year.

FERNS. There's nothing unusual about these except that you can get them here at a reasonable price—instead of digging them out of the woods, which is an unreasonable amount of work.

GLADIOLI. Glads to us are not a garden flower and the big types are too stiff. But the primulinus types... these dainty things are lovely. Plant Glads until July 4 in rows for a succession of excellent cut flowers. Atom is the top variety offered.

HEMEROCALLIS. Nearly everyone is hybridizing in this field, we aren't. We weed them out as we do Mums.

HERBS. Varieties are chosen because they are good for cooking, rather than for looking pretty in the period garden of that old monastery you don't live in. Item: Highland Tellicherry Black Peppercorns offered are for grinding, not for planting. If you once get a taste for W.F.F. Tellicherry Pepper you probably will never change to another.

IRIS. Here we also act as selectors rather than as hybridizers. The problem is to choose the varieties that are good strong growers and will last, not the new ones without a proved record to back up the stiff prices always asked for originations.

PHLOX. Last year we discontinued growing nearly all Phlox not Symons-Jeune Strain. Other growers are now offering Symons-Jeune, but you won't find this whole gorgeous spectrum elsewhere. A Phlox garden built of this material will be a beauty, for colors run the gamut, except, so far, a pure white. Some are dwarfs. All are fragrant. Also, plant structure is rugged, but you will have to stake the tall ones if they are not protected from wind. (You have to stake any tall flower, for all of that.)

POTENTILLA. Many of these are most useful shrubs.

LEONTOPODIUM. Members of this genus are natives of the Alps and the high South American Andes. They require a firm well-drained, sandy soil and full sun. Location must be dry, particularly in summertime.

L. alpinum. This is the famous Edelweiss of the Alps, and for which, as the stories go, men risk their lives. Foliage is wooly-white, the flowers are really floral leaves arranged in star-like clusters. Edelweiss blooms in June.

Each \$1.00, Three \$2.80, Doz. \$10.00

LEOPARDBANE—See *Doronicum*

LIATRIS. Thrives in ordinary soils, in sun or shade, can be grown at water-side. Plant in groups of three at back of border. In our opinion *Liatris* has been neglected by gardeners. Excellent for cutting. Shipped spring or fall.

Cobalt. This is a dwarf—only 18-24 inches high—so it can be planted well up in the front of the border. It flowers from July to September. Flowers are reddish-purple.

Each \$1.00, Three \$2.80, Doz. \$10.00

scariosa September Glory. Purple flowers all come into bloom on 6 foot spikes. Each \$1.00, Three \$2.80, Doz. \$10.00

scariosa White Spires. White form of September Glory.

Each \$1.00. Three \$2.80, Doz. \$10.00

LILAC—See *Syringa*

LILIUM. All of our Lilies are specially selected and graded stock from Jan de Graaff, whose great work of the past two decades has produced Lilies so new and unusual that new families are resulting from his work. During the year we shall offer de Graaff rarities—varieties that are years from being offered commercially. We are pleased to work with this great Hollander (a naturalized American), for White Flower Farm is a specialist in the original and de Graaff is one of the great originators. Shipped up to late October, or in the spring when possible. Sizes denote circumference.

L. auratum platyphyllum. The golden-rayed lily of Japan. It has great, fragrant, waxy-white blooms, golden-streaked and sometimes crimson spotted. Needs full sun and a rich, well drained soil. Flowers in August and September. Plant 5-7 inches deep. Bulbs 7 to 8 inches.

Each \$1.50, Three \$3.95, Doz. \$14.50

L. Aurelian Hybrid "Heart's Desire". New. Color varies from cream to yellow-orange. Flower is widely flared and bowl shaped. Height 5 feet. Blooms August. Plant 5 inches deep. Bulbs 7 to 8 inches.

Each \$2.00, Three \$5.50, Doz. \$19.50

L. Aurelian Hybrid "Sunburs". New. Lemon-yellow to salmon recurved flowers on tall wiry stems. Suitable for garden or as a cut flower. Plant 6 inches deep in rich soil slightly on the heavy side. Height 5 to 7 feet. Blooms late July. 7 to 8 inch bulbs.

Each \$1.50, Three \$3.95, Doz. \$14.50

L. candidum. This is the Madonna Lily. It is pure white, June-flowering. Plant in the fall. Must not be planted over an inch deep, needs drainage. 7 to 8 inch bulbs. French imports.

Each 85c, Three \$2.25, Doz. \$7.95



L. centifolium "Olympic Hybrids". The great trumpets bloom in July on stems 5 to 7 feet tall. They do well in sun or light shade. Colors run from pure white to deep ivory with soft green or greenish brown or wine tints on the exterior of each bloom. Plant 5 to 7 inches deep; leave undisturbed. 9 to 10 inch bulbs.

Each \$1.00, Three \$2.70, Doz. \$9.60

L. Golden Clarion. Again the result of Jan de Graaff's great 20-year Lily breeding program. This is an Aurelian Trumpet that shades from lemon-yellow to deepest gold, and it is dependable, sturdy, vigorous and prolific. What more do you want with gold? 7-8 inch bulbs.

Each \$1.50, Three \$3.95, Doz. \$14.50

L. "Golden Chalice Hybrids". These vigorous hybrids range in color from clear lemon yellow through shades of gold and apricot-orange. They are drought resistant. Flower in June. Plant 6 inches deep. Bulbs 5 to 6 inches.

Each \$1.00, Three \$2.70, Doz. \$9.60

L. "Green Mountain Hybrids". White trumpet flower with green throat, exterior shaded brown. This lily prefers light shade. Valuable for exhibition and specimen planting as well as a cut flower. Plant 5 to 6 inches deep. July bloomer, 4 to 6 feet tall. Bulbs 7 to 8 inches.

Each \$2.00, Three \$5.50, Doz. \$19.50

L. Jillian Wallace. This treasure is the result of a cross (which no-one thought possible) between *Auratum* and *Speciosum* strains. Result: the strength and size of *Auratum* with the classically lovely recurved form of *Speciosum*, plus the latter's carmine-red coloring which shades to white and is spotted with intense crimson. Jillian Wallace is from Australia, the work of a Dr. Wallace. After the second year Jillian will produce up to seven blooms, each 8 inches in diameter on 5 foot stems. Jillian Wallace needs no praise from us—it needs money to buy for it is frightfully expensive and probably will be for many seasons. 6-7 inch bulbs, each \$5.00.

Stocks very limited. Not more than three to a customer this season. That limitation should please those who are profligate with money when they think of plants or flowers.

L. Marlyn Ross. This sulphur-yellow rarity has a broad diffused band of orange down the center of each petal. The flower is further decorated with splotches of small deep maroon dots that look entirely artificial. Stems are exceptionally strong and grow to 4 feet, flowers are upright. 4-5 inch bulbs.

Each \$1.50, Three \$3.95, Doz. \$14.50

L. Martagon album. Dainty pure white pendant flowers on 4 foot stems. Plant four inches deep in sunny well drained place and this lily will prosper for years. Mid-June flowering. 6-7 inch bulbs.

Each \$2.50, Three \$6.75, Doz. \$24.00

L. Royal Gold. Here a mutation of the Regal Lily that is identical to that fine plant, except the color is golden-yellow. Royal Gold has caused more comment in the last two years in our display gardens than nearly any other new plant we can recall in the period. Prices tend to be more reasonable now that stocks are building. 7-8 inch bulbs.

Each \$2.50. Three \$6.75

L. speciosum album. This is one of the loveliest cut flowers. It is pure white with radically recurved petals on curving stems. It needs a well-drained soil and some shade during the hottest part of the day. Plant six inches deep; 7 to 8 inch bulbs.

Each \$1.75, Three \$4.75, Doz. \$16.75

L. speciosum rubrum. Called "Red Champion" since it has been improved. The blooms, like *speciosum Album* in shape, are delightful shades of pink to blending reds. Plant 6 inches deep; 7 to 8 inch bulbs. Both Album and Rubrum flower in August.

Each \$1.25, Three \$3.40, Doz. \$11.95

LILIUM "Mid Century Hybrids". An entirely new group of hybrid lilies developed by Jan de Graaff. Mid Century Lilies grow about two to four feet high, are tough in any climate, should be planted about 5-6 inches deep in a well-drained location.

These Lilies are not only the hardiest we know about, but they propagate like weeds—and that should be taken literally. One bulb equals ten in three years. Shipped late October.

Campfire. This is about the best Indian-red in the Lily business. It's a striking color, and a solid planting of Campfire is a joy to behold.

Each \$1.25, Three \$3.40, Doz. \$11.95

Croesus. True yellow, large wide-open upright flower with some black spots. This 3-4 foot lily is hardy and disease resistant. 6-7 inch bulbs.

Each \$1.25, Three \$3.40, Doz. \$11.95

Destiny. Bright canary-yellow flowers with brown spots in center. Numerous flowers appear on 3 to 4 foot stems, dark green foliage. Each \$1.25, Three \$3.40, Doz. \$11.95

Enchantment. de Graaff describes this as the best hardy lily he has ever developed and others say it is the best lily origination of the century. We subscribe to both these remarks. Enchantment is a vibrant nasturtium-red with flowers lasting for weeks. Blooms late June or July on 4-foot stems. 5-6 inch bulbs.

Each \$1.00. Three \$2.75, Doz. \$9.60

Felicity. This variety is well named. It flowers freely. The color of the large blooms (which face outward) is a cool lemon-yellow, and the plant is vigorous and prolific. And like all of this breed, Felicity is absolutely hardy. Under the best growing conditions Felicity reaches a height of 5 feet. Ours reach 4 feet, a height that is thoroughly satisfactory for a Lily. 5-6 inch bulbs.

Each \$1.75, Three \$4.75, Doz. \$16.75

Fireflake. Large rich Indian-red with recurved petals. Blooms on 30-inch stems. 6-7 inch bulbs.

Each \$1.75, Three \$4.75, Doz. \$16.75

Harmony. Flowers of rich and brilliant orange, wide petals. Fine for cutting. Flowers early July. 28-inch stems.

Each \$1.00, Three \$2.75, Doz. \$9.60

Joan Evans. Very broad-petal flowers of bright golden-yellow with maroon spots. From 6 to 9 blooms on wiry stems up to three feet tall.

Each \$1.00, Three \$2.75, Doz. \$9.60

Parade. Rich golden-yellow with burnished gold mid-rib on each flower. Height: 2 feet.

Each 85c, Three \$2.25, Doz. \$7.95

Prosperity. Cool lemon-yellow outward facing flowers. Four feet tall, vigorous.

Each \$1.25, Three \$3.40, Doz. \$11.95

Valencia. Rich golden flowers on 3-foot stems with a mid-rib of bronze and minute maroon dots. Late June.

Each \$1.00, Three \$2.75, Doz. \$9.60

Mid-Century Bedder Collection: This is made up of smaller bulbs which are even more vigorous than larger ones. This is the most economical way to plant a solid Lily garden. Keep varieties together and about one foot apart; plant 3 inches deep. Each bulb in three years will become a heavy hill of Lilies, so thick that the weeds won't grow the fourth year. Figure one bulb per square foot in planning the size of your garden. Each variety is marked separately. Five varieties, three bulbs each, our selection (15 bulbs), \$7.95. Seven varieties, three bulbs each, our selection (21 bulbs), \$9.95. Ten varieties, three bulbs each, our selection (30 bulbs), \$13.75.

LILY-OF-THE-VALLEY—See *Convallaria*

LI MONIUM (The Statices). These pleasant plants nearly all produce cushion-like flowers which can be used as cut flowers as is, or dried (hang them upside down, of course) for winter arrangements. Culture is simple: full sun in a well-drained location. Plant spring or fall.

L. dumosa. Flowers are silver-grey and grow from the plant's dense cushion. Dry it. Stems go to 30 inches.

Each 90c, Three \$2.50, Doz. \$9.00

L. latifolium. Here's an excellent plant for the border or rockery. Coastal gardeners note that it is not affected by salt spray. The compound flowering heads are large and lavender in color. Stems are about 15 inches high. Of course, you can dry it.

Each 90c, Three \$2.50, Doz. \$9.00

LINUM (Flax). A very large group of plants (annuals and perennials) which includes the fibre-yielding flax of commerce. Several of the perennials are quite good in the herbaceous border. Culture is very easy. Just give the Linums an open space with full sun. Propagate them by division.



Lupine

flavum. Profuse quantities of waxy yellow flowers with feathery foliage. Blooms all summer. Height: about 15 inches. Spring shipment.

Each 90c, Three \$2.50, Doz. \$9.00

L. Heavenly Blue. The best of all blue Flaxes—luminous ultramarine blue flowers on 12-18 inch stems. Recurring blooms all summer.

Each 90c, Three \$2.50, Doz. \$9.00

LO NICERA. Climbers. We do not grow the shrubby uprights because in our opinion they aren't worth planting—they're weedy and not useful landscape plants. The climbers, however, are quite a different kettle of fish.

Heckrotti. This ever-blooming Honeysuckle has glorious foliage, two-toned blossoms—rose-purple outside, bright yellow inside—carried in heavy clusters. It behaves best in full sun. It's a perfect ground cover and can be made to climb (you tack it in place), on low fences. Don't forget that it is ever-blooming.

Each \$1.75, Three \$5.00, Doz. \$18.00

Japonica aureo-reticulata. From Arnold Arboretum. This Japanese climber has small very delicate variegated leaves. The flowers are very sweetly scented. Shipped balled-and-burlapped only, cut back severely. Heavily rooted. Each \$2.75. Express extra. Sold out for 1960.

LOOSESTRIFE—See *Lythrum*

LOTUS. A broad genus of herbs, some of which are not well known to gardeners in this country. They like full sun generally and are not fussy about soils. Plant spring or fall.

***L. corniculatus.** Dwarf and sprawling in habit. It is ideal for sunny locations that are dry or hard to irrigate. This variety is covered in late spring with yellow pea-like flowers. Ideal for the rockery, but as it spreads quickly, plant in an area where it can be kept in bounds.

Each 90c, Three \$2.50, Doz. \$9.00

LUPINUS (Lupine). Soil is not a problem. Lupine requires

Notes, Continued

Our new beauty, White Gold, should receive your attention. The outstanding quality of the shrubby *Potentillas* is that they bloom furiously all summer—flush after flush of color—and they can be used in either the shrub or the perennial border.

ROSA. For many years we have been listing the very best of the Roses bred from Peace, on all counts the Rose of this century. It's quite a list. You'll get the best Teas from it. Of the climbers don't neglect New Dawn, which is far from new but still one of the best perpetually blooming Roses of this class.

If you are new to White Flower Farm you'll not be long discovering that Shrub Roses are our favorites. Not only do many of them bloom recurrently but they do not have to be pampered as do Teas and *Floribundas*—no covering in the winter, and no casualties. The Shrub Roses reach maturity in about three years, so don't expect them to act like a Tea this season. Nevada is specially called to your attention, a sensation anywhere Roses grow well.

W.F.F.'s SPECIAL LAWN SEED. This is about the most special specialty here. No concession is made to anything, only the best Fescue grasses are used (85 percent), the rest upright Bent. Our lawn rehabilitation program—light seeding in early spring, heavy seeding in September—will make your lawn a thick turf, thick enough to drown crabgrass, if you follow it a few years. If you don't believe it, come see some of our 3.5 acres of lawn where this routine is followed. Write for "Building a Lawn from Grass," which will give you full details.

Display and test gardens

We are told by visitors that White Flower Farm is a very beautiful place. This is nice to hear, for that is our goal. The display garden, which surrounds the Sales Center, is on sloping ground a bit more than an acre and a half in area. You may walk on its lawns. A 600-foot shrub border is a feature—in front of it in May are about 200 test varieties of Tulips. Nearly 100 *Narcissi* edge the long Phlox border. The Peony border won't be flamboyant this year—it was all replanted last season, largely with the lovely single varieties, but you'll find some bloom. You are invited to walk on the grass paths that outline the big blocks of perennials covering about 20 acres, prowl through the greenhouses—enjoy yourself. Litchfield has three excellent inns (two rent rooms). On a visit here be sure to drive slowly up and down North and South Streets in the Village, a very beautiful place. Drop into our lovely old Congregational Church for a minute, see America's first law school, meet Floyd Thoms, a jovial looking New Englander who occasionally cracks a smile, at his stunning antique shop. This is a pleasant way to spend a day.—A. Pettingill

lots of moisture, full sun and protection from prevailing hot summer winds. Because they are difficult to move when field-grown we offer strongly rooted potted plants. They will mature the second year. Plant in bold groups. Spring shipment.

Russell Hybrids. Rainbow shades of lavender, blue, pink and yellow. Mixed colors only. This stock is from the famous English nursery called Bakers, home place of this famous Lupine strain. Each \$1.00, Three \$2.80, Doz. \$10.00

LYCHNIS (Catchfly). Sunny border perennial bearing large heads of brilliant flowers. Blooms late May through July. Shipped spring or fall.

Chalcedonia. This variety is also known as the Jerusalem Cross. It throws heads of brilliant scarlet cross-shaped flowers in July and August.

Each 95c, Three \$2.70, Doz. \$9.50

Viscaria flore-pleno. Bright rosy-crimson: 12-18 inch. Each \$1.00, Three \$2.80, Doz. \$10.00

LYTHRUM (Loosestrife). Tall border perennial that forms shapely bushes. Good for naturalizing, and useful in any shady, moist location. Also grow in full sun. Shipped spring or fall.

Dropmore Purple. This rich purple blooms profusely from late June through September. 30 to 36 inches. Each 90c, Three \$2.50, Doz. \$9.00

Morden's Gleam. Flowers are a bright carmine, the nearest color to red in Lythrums. Blooms July to September. Height: 40 inches. Each 90c, Three \$2.50, Doz. \$9.00

Morden's Pink. Full-flowered spikes of clear deep pink flowers. Blooms from June until late fall. 36 inches. Each 90c, Three \$2.50, Doz. \$9.00

Robert. An English introduction. Flower spikes of bright rose-red on compact growing plant. Foliage turns scarlet in fall. 24 inches. Each 90c, Three \$2.50, Doz. \$9.00

MARJORAM—See Herbs, Origanum

MAZUS. A genus of small herbs, mostly creeping or prostrate, that are native to the higher area of Southeast Asia. Flowers have an interesting bell shape. Varieties generally like sunny locations, soil well drained. Plant spring or fall.

***M. pumilo.** This interesting creeper soon forms a good mat in the rockery or in crevices in terraces or walks. The plant itself has bright green saw-toothed leaves. Flowers are bluish-white in color with a yellow center; bloom is profuse in spring.

Each 80c, Three \$2.25, Doz. \$8.00

MERTENSIA. These herbs are generally low-growing, make excellent subjects for the rockery. They are hardy. Flowers are mostly blue and appear as racemes. Plant spring or fall.

***M. virginica.** You'll never see a prettier flower than this Virginia bluebell. The variety likes shade, as you probably know. The tubular flowers bloom in early spring, are sapphire blue on 18-24 inch stems.

Each 80c, Three \$2.25, Doz. \$8.00

MICHAELMAS DAISIES—See Aster

MOCKORANGE—See Philadelphus

MONARDA (Bergamot). An attractive family for sunny border or light shade. Fragrant mint-like foliage. Tubular petals form a globe shaped head of brilliant flowers. Very hardy; gives a wonderful show. Shipped spring or fall.

Cambridge Scarlet. Brilliant scarlet flowers, from late June to September. 24-30 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Croftway Pink. Rose-pink flowers. 24-30 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Mahogany. Indian-red, this new color is a valuable addition to this highly usable genus. It flowers over a very long period, and like all Monarda, is very easy to grow. Fall shipment, 1960.

Each \$1.10, Three \$3.00, Doz. \$11.00

Snow Queen. White, of course, and we, admirers of nearly all white flowers, are very pleased to be able to offer it. It's free-flowering, too, and it's new.

Each \$1.10, Three \$3.00, Doz. \$11.00

MOUNTAIN PINKS—See Phlox Subulata

MULLEIN—See Verbascum

****MUSCARI** (Grape Hyacinth). Excellent bulb for bedding or rock garden work. Should be planted immediately upon arrival and can remain undisturbed for years; will thrive under trees or in full sun. Sept. shipment.

armeniicum. Clear blue giant, excellent bedder.

Doz. 85c, 25 \$1.60, 100 \$5.75

botryoides album. A delicate pure white.

Doz. 90c, 25 \$1.65, 100 \$6.25

MYRICA PENNSYLVANICA. Known as Northern Bayberry, this shrub grows to about 5 feet. Flowers are inconspicuous in spring. Very conspicuous are the profusion of gray berries (they're aromatic) that encrust the twigs in the fall. They make wonderful winter arrangements, and the birds love what is left over. Shipping plants, balled-and-burlapped, 15 to 18 inches. Shipped spring or fall. Each \$7.50.

NARCISSI. In all of horticulture there isn't a finer bulb for naturalizing than Narcissi (Daffodil is, of course, the common name). Plantings are truly permanent; the bulbs multiply amazingly; flowers come in profusion year after year; few diseases attack Narcissi in this country. What more do you want? We urge gardeners to stay away from just yellow types. Also, in using Narcissi for naturalizing it is more effective to have an area devoted to just one variety, separated by 10 to 20 feet of woodland or grass from another variety. If planted in plots of irregular shape the result will not be formal. None of the Narcissi listed here can be called ordinary. Only a few of the very newest of them are expensive.

NOTE. The number after each variety indicates the season of bloom—No. 1 is earliest, No. 7 latest. The letters—F.C.C. or A.M.—found after the number are



Flatcup Narcissi

abbreviations for First Class Certificate and Award of Merit, both top awards at the best Dutch, English and Irish shows, and hard to win. Double asterisks before the name identifies varieties having merit for forcing indoors. Shipped in September.

N. BARRI. This class has outstanding flowers in striking color combinations. Bulbs are vigorous and free-flowering.

Amateur. 3 A.M. The large white petals overlap and are perfectly shaped. The cup is large and as flat as can be—and brightest scarlet in color. A show flower.

Six \$1.90, Doz. \$3.25, 25 \$6.20, 100 \$22.50

Apricot Distinction. 3 A.M. White Flower Farm Introduction. We have been growing this magnificent daffodil for several years—the first ones cost \$25 per bulb. It is still expensive and only for those who really care about new and unusual flowers and who like to have them first. The petals, believe it or not, are apricot in color. The strong, frilled cup a very deep matching shade. This is probably the only new development in color in Narcissi in the past 50 years. Stocks will be limited for a long time.

Six \$5.50, Doz. \$10.00, 25 \$18.00

Lady Kesteven. 3. F.C.C. The purest snow-white petals of this remarkable flower form a perfect background for the cup, which is a solid cherry-red.

Six \$1.80, Doz. \$3.10, 25 \$5.85, 100 \$21.25

Polar Ice. 5. A.M. Lovely pure white petals and an equally pure-white cup.

Six \$1.70, Doz. \$2.90, 25 \$5.50, 100 \$20.00



Narciss Early Perfection

N. DOUBLE. Here a selection of the best in this always interesting group.

****Cheerfulness. 5. A.M.** Never was a flower better named. Clusters of showy double white flowers on exceedingly strong stems. When Cheerfulness first opens there is a suggestion of yellow in the center which soon fades. It is a late season bloomer; a heavy multiplier.
Doz. \$2.35, 25 \$4.50, 100 \$16.25

****Primrose Cheerfulness. 5. A.M.** The same lovely form of Cheerfulness but in a solid primrose-yellow. Both of these varieties are very sweet-scented.
Doz. \$2.90, 25 \$5.50, 100 \$20.00

Snowball. 4. F.C.C. The petals are purest white, the corona or crown is very double and ivory-white.
Six \$2.10, Doz. \$3.60, 25 \$6.90, 100 \$25.00

Twink. 2. A.M. The outer petals of this double are creamy-white, the inner petals shade to orange.
Six \$1.50, Doz. \$2.55, 25 \$4.80, 100 \$17.50

DOUBLE MIXTURE. This is just plain fun.
Doz. \$2.35, 25 \$4.50, 100 \$16.25

N. INCOMPARABILIS. This class is characterized by broad outer petals and very flat and mostly frilled cups. They are outstanding in their ability to defy weather—you will note a whole series called John Evelyn Hybrids that are especially good in this respect.

Aranjuez. 3. F.C.C. Smooth, rounded and clear yellow petals; crown is golden, very expanded, and widely margined orange-red. Six \$1.90, Doz. \$3.25, 25 \$6.20, 100 \$22.50

Bahram. 3. F.C.C. 1950. Petals are a rich clear yellow, and the shallow crown is a vivid deep orange-red.
Six \$1.80, Doz. \$3.10, 25 \$5.85, 100 \$21.25

Bermuda. 1. F.C.C. A huge thing with the soft yellow petals smooth and overlapping; crown is large and spreading—and clearest orange.
Six \$2.10, Doz. \$3.60, 25 \$6.90, 100 \$25.00

Criterion. 4. A.M. White petals on this big baby. The great flat crown is yellow with a dainty orange-scarlet tint.
Six \$1.80, Doz. \$3.10, 25 \$5.85, 100 \$21.25

Fermoy. 4. F.C.C. 1951. Petals are white and huge. The cup is heavily flared and bowl-shaped, golden at the base, bright orange at the mouth.
Six \$2.75, Doz. \$4.50, 25 \$8.50, 100 \$30.00

La Argentina. 3. A.M. Large and broad white petals; the cup is white but filled with radiating stripes of yellow and orange, giving the appearance of spokes in a wheel.
Six \$1.90, Doz. \$3.25, 25 \$6.20, 100 \$22.50

Red Marley. 3. A.M. Petals distinct dark golden yellow, the cup is quite long and tinted richest red. Does not fade.
Six \$2.10, Doz. \$3.60, 25 \$6.90, 100 \$25.00

St. Louis. 4. A.M. White petals, deep yellow cup, edged red.
Six \$2.00, Doz. \$3.45, 25 \$6.55, 100 \$23.75

INCOMPARABILIS (FLATCUP) MIXTURE. Perfect for naturalizing.
Doz. \$2.55, 25 \$4.80, 100 \$17.50

N. INCOMPARABILIS. John Evelyn Hybrid Series. None of these are look alikes. As noted earlier, all seem to be nearly impervious to wind and rain, hence their alternate name, Weatherproofs. This is an outstanding group of tall, long-stemmed Daffodils having exceptionally large flowers. Leave undisturbed for years—they increase rapidly.

Arguros. 3. F.C.C. Outstanding new flower with creamy-white petals, and of all colors you don't expect, a great flat greenish cup.
Six \$2.10, Doz. \$3.60, 25 \$6.90, 100 \$25.00

Confuoco. 3. A.M. Broad yellow petals; the flat cup is yellow with a broad band of deep orange.
Six \$4.50, Doz. \$8.00, 25 \$14.50, 100 \$48.00

Duke of Windsor. 2. F.C.C. A sensationally large flower on a strong stem. Petals are a purest white, the large spreading cup is orange-apricot.
Six \$2.50, Doz. \$4.25, 25 \$8.00, 100 \$27.00

John Evelyn. 2. F.C.C. Large white petals in beautiful composition. The huge flat cup is heavily-frilled and pale apricot.
Six \$1.80, Doz. \$3.10, 25 \$5.85, 100 \$21.25

Lemon Cup. 3. A.M. Petals are a soft cream-white. The huge cup is strongly ruffled and flared. It's buttercup-yellow inside, broadly edged with pale yellow. Another beaut.
Six \$2.10, Doz. \$3.60, 25 \$6.90, 100 \$25.00

****Manco. 3.** Petals are ivory-white; the large frilled crown is a reddish-orange.
Six \$2.10, Doz. \$3.60, 25 \$6.90, 100 \$25.00

Mata Hari. 3. This lovely, misnamed thing has white petals and a fine crown of palest orange-yellow.
Six \$1.80, Doz. \$3.10, 25 \$5.85, 100 \$21.25

Milk and Cream. 3. A.M. White Flower Farm Introduction, 1953. This giant flower has pure white petals and an enormous flat crown the color of double cream. Nothing like it has been seen before in the Shortcup classification. We cannot recommend it too highly.
Each \$1.25, Three \$3.50, Six \$6.00

Royal Crown. 2. Petals are silvery white. The cup—large, flat and heavily frilled—is lovely soft apricot. A new Evelyn seedling now reasonable in price.
Six \$2.10, Doz. \$3.60, 25 \$6.90, 100 \$25.00

Spencer Tracy. 3. F.C.C. New. This huge round thing has

another of those gorgeous John Evelyn cups—this one of purest orange.

Six \$1.90, Doz. \$3.25, 25 \$6.20, 100 \$22.50

JOHN EVELYN HYBRID MIX. If you want the best and loveliest of all mixtures, buy this fellow. Spring after spring the John Evelyns get better and better—and they spread and spread. Doz. \$2.55, 25 \$4.80, 100 \$17.50

N. POETAZ, POETICUS, and JONQUILLA—including other somewhat similar types. Flowers of varieties in this group are mostly small and entirely dainty; colors include white and bi-colors. Almost all of them are excellent in the rockery.

Early Perfection. 1. Whitest of petals with a light yellow cup, many flowers on a stem.

Doz. \$2.35, 25 \$4.50, 100 \$16.25

****February. 1. F.C.C.** (Also known as Cragford.) This utter delight in Daffodils has white over-lapping petals and a yellow cup edged a bright orange-scarlet. February, when started in December, blooms indoors in—you guess what month. (See Bulb Fibre.) You should order now for November shipment as we are invariably sold out early.
Doz. \$3.45, 25 \$6.55, 100 \$23.75

February Gold. 1. A.M. The petals are a golden-yellow and curve backward beautifully, the heavily-frilled small trumpet-like crown is the palest of orange.
Six \$1.80, Doz. \$3.10, 25 \$5.85, 100 \$21.25

Campernelle. 3. Two to four golden-yellow flowers float on each strong stem. It's the single form, excellent for cutting.
Doz. \$1.65, 25 \$3.10, 100 \$11.25

Jonquilla. 5. This is the single form of the dainty flower also known as "Queen Anne's Daffodil." Flowers are smallish, pure golden-yellow in color, foliage is grass-like.
Doz. \$1.25, 25 \$2.40, 100 \$8.75

****Thalia. 3. A.M.** Largish purest white flowers on reed-like stems—three to four of them to a stem, too, and very sweet-scented.
Doz. \$3.25, 25 \$6.20, 100 \$22.50

Trevithian. 3. F.C.C. Broadly overlapping petals frame the shallow crown in perfect proportion. A pale lemon-yellow throughout. Two to four flowers dance on each stem.
Six \$1.60, Doz. \$2.70, 25 \$5.15, 100 \$18.75



John Evelyn Hybrid

POET MIXTURE. If you are looking for a mixture of dainty little fellows to use in the rockery or along woodland walks, this is your dish of tea. 25 \$3.50, 100 \$12.50

N. TRUMPET. Here the best of the well-known Trumpets, the shape of most yellow Daffodils one sees naturalized. Probably the most advertised and most widely sold Trumpet is King Alfred, and it's all right, but so old that it looks strange when compared to these newer varieties. There are literally hundreds of Trumpets. Here a distillation of the best.

****Beersheba. 3. F.C.C.** A widely known pure white flower and quite satisfactory.

Six \$2.10, Doz. \$3.60, 25 \$6.90, 100 \$25.00

****Lord Nelson. 3. A.M.** A uniform soft yellow throughout, and a sensationally large flower to boot.

Six \$2.10, Doz. \$3.60, 25 \$6.90, 100 \$25.00

****Spring Glory. 2.** Petals are pure white, the trumpet golden-yellow. Six \$2.10, Doz. \$3.60, 25 \$6.90, 100 \$25.00

****Unsurpassable. 1. F.C.C.** A gorgeous large flower the deepest golden-yellow throughout. Vigorous as all get out. Six \$2.10, Doz. \$3.60, 25 \$6.90, 100 \$25.00

TRUMPET MIXTURE. Contains solid yellows of all shades, bi-colors, and solid white trumpets. A mighty fine mixture. Doz. \$2.55, 25 \$4.80, 100 \$17.50

TRUMPET MIXTURE OF PINKS. These delicate things should be planted in shade to bring out their dainty pink colors. Rareties, offered only in mixture, to save you money. Doz. \$2.70, 25 \$5.15, 100 \$18.75

N. SPECIES. (Miniatures.) These are the true botanical types, and their hybrids. They are mostly surprisingly little fellows, some only a few inches high, with utterly delightful small flowers. They are rockery plants, of course, and most are easily forced.

****Bulbocodium Citrinus. 2.** About 6 inches high, small sulphur yellow flowers. Doz. \$2.00, 25 \$3.80, 100 \$13.75

****Bulbocodium conspicuus. 3.** Golden-yellow form of the above. Doz. \$1.10, 25 \$2.10, 100 \$7.50

****Bulbocodium foliosus. 1.** White form, and a jewel. Rare. Doz \$3.60, 25 \$6.90, 100 \$25.00

****Bulbocodium tenifolius. 3.** You can call this a double miniature—it's one of the littlest fellows you'll ever see. Doz. \$2.00, 25 \$3.80, 100 \$13.75

****canaliculatus. 3.** Tiny flower with white petals and a yellow cup. "Darling" should be its name. Doz. \$1.65, 25 \$3.10, 100 \$11.25

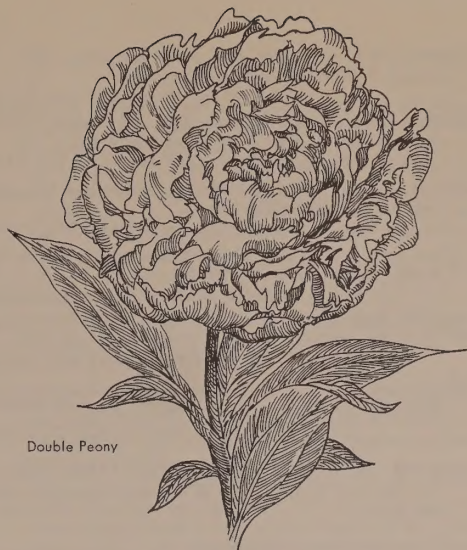
****juncifolius. 3.** Lovely. Small deep yellow flowers on slender stems that grow only about 4 inches high. Doz. \$2.35, 25 \$4.50, 100 \$16.25

NARCISSI MINIATURE MIXTURE. This is the best way we know of for you to acquaint yourself with these delightful miniatures. Plant them between terrace stones. They make perfect bulbs for the rockery.

Doz. \$1.65, 25 \$3.10, 100 \$11.25

NEPETA. Mussini. Good edging or border plant with gray green foliage. Compact grower 15 to 18 inches wide. Profuse, small lavender-blue flowers from June to August. Full sun is best. Spring shipment.

Each 90c, Three \$2.50, Doz. \$9.00



Double Peony

NIEREMBERGIA. An excellent genus of perennials, most varieties being creeping or prostrate. They like moist soils; nearly any kind of good garden soil is good for them. Plant spring only.

***Purple Robe.** A dwarf creeper (about 6 inches high) with spoon-shaped leaves, covered with rich, deep violet-purple flowers most of the summer. It likes a moist position, does well in full sun or partial shade.

Each \$1.00, Three \$2.80, Doz. \$10.00

OENOTHERA. A very broad genus (more than 200 species) mostly found in near-tropical America. A few are extremely hardy and only those are offered here. All like a well-drained loose soil and full sun. Plant spring or fall.

O. missouriensis. This really lovely evening primrose is low growing (12 inches), yellow, and its blooms are 4 inches in diameter. Shipped spring or fall.

Each 85c, Three \$2.45, Doz. \$8.75

O. Yellow River. Extremely compact and gives a nearly continuous show of canary-yellow cup-shaped blooms. Excellent edger. It has our own award of merit.

Each \$1.00, Three \$2.80, Doz. \$10.00

ORIENTAL POPPY—See *Papaver orientale*

ORIGANUM—See Herbs

PACHYSANDRA *terminalis variegata*. You can get ordinary green Pachysandra by the ton from your neighbor, and very valuable it is to cover shady barren areas that will support nothing else. We suggest that you edge an all-green planting with this fine variety with the brilliant silver edge, or plant islands of it in the solid green to make it less monotonous. P. t. *variegata* really succeeds in brightening up shady spots. Shipped spring or fall.

Three \$1.85, Doz. \$6.75

PAEONIA (Peonies). Once established, Peonies bloom freely for 25 years or more. We deliver only heavy roots.

All Peonies are of easy culture. They are great feeders, not finicky about soils. Plant (in the fall only) with the eyes 1½ inches below ground. When frozen in, mulch with hay or leaves. No mulching is necessary afterwards. All make delightful cut flowers: when cut in heavy bud they will open and keep a week in water. Never cut more than two-thirds of a bush. Then snip off any seed pods that develop on the remaining stems. Note that Peony roots are shipped only in the fall—from mid-September through October.

Double Varieties

Baroness Schroeder. Flesh white on sturdy stems. Fragrant. Blooms late.

Each \$2.00, Three \$5.70, Doz. \$20.00

Festiva Maxima. Large pure white with occasional flecks of crimson at base of petal. Vigorous and early. Very fragrant. Each \$2.00, Three \$5.70, Doz. \$20.00

Inspecteur Lavergne. This plant flowers in midseason, is tall, completely double. Blooms are globular in shape, crimson. Petals in the center are frilled.

Each \$2.00, Three \$5.70, Doz. \$20.00

Longfellow. Double mid-season crimson. Does not fade. Color intensified by showing of golden stamens in center. Each \$2.00, Three \$5.70, Doz. \$20.00

Lowell Thomas. Large double pure red blooms on strong stems. Fragrant. The finest red. Available 1962.

M. Jules Elie. Quite tall free-flowering, light-rose pink. Each \$1.80, Three \$5.15, Doz. \$18.00

Mrs. Frank Beach. Creamy white flowers fully double on stiff stems. Mrs. Beach is somewhat dwarf in habit and is a late bloomer.

Each \$2.50, Three \$7.10, Doz. \$25.00

Myrtle Gentry. A delightful double light pink, paling with age to nearly white. Very fragrant. Late bloomer.

Each \$2.50, Three \$7.10, Doz. \$25.00



Semi-double Peony

Sarah Bernhardt. Strong-glowing dark pink of medium height. Each \$1.80, Three \$5.15, Doz. \$18.00

Therese. Dark pink of medium height. Each \$2.00, Three \$5.70, Doz. \$20.00

Walter Faxon. Mid-season light shell pink. Mildly fragrant. Each \$2.00, Three \$5.70, Doz. \$20.00

PEONY COLLECTION DOUBLE VARIETIES. Five of the above, our selection, \$7.95.

Single Varieties

Jan Van Leeuwen. For a single, this Peony blooms late. The plant grows to medium height. Petals are pure white, the center a gorgeous crest of yellow stamens. Each \$3.50, Three \$9.75, Doz. \$35.00

Jeffries Crimson. This Jap has broad rounded petals of deep crimson with satiny finish contrasting a compact mass of yellow stamens. Each \$3.50

Gold Standard. Fine white tinted yellow. Staminodes yellow. This is as close as you can come to a yellow peony. Each \$4.50

Helen. Broad cup-shaped petals of deep shell-pink surround golden stamens. Early. Each \$5.00, Three \$14.00

Mikado. You'll go a long way, to Japan, perhaps, to find a Japanese single in red, of this quality. It's a stunning flower. Each \$3.50, Three \$9.75, Doz. \$35.00

Mrs. Wilder Bancroft. Bright crimson-red with large golden stamens. Each \$3.50, Three \$9.75

Tomate Boku. Glorious large bright carmine-pink blooms with yellow center tipped pink. Each \$6.00; Three \$17.00

PEONY COLLECTION SINGLE VARIETIES. Four of the above, our selection, \$12.00.

PAINTED DAISY—See *Pyrethrum*

PAPAVER ORIENTALE (Oriental Poppy). These strong growing poppies, thanks to the hybridizer's science, diligence and luck, now come in an unusual and beautiful range of colors. They are of easiest culture, grow well in any soil but do best in a deep loam. Place crown 3 inches below surface; after frost mulch the first winter to prevent heaving; and after that do nothing. Roots are shipped in August and September.

Barrs' White. Free-blooming pure white with purplish black spots at base of petals. Each \$1.50, Three \$4.25, Doz. \$15.00

Carmine. Striking cardinal-red flowers with black splotches. Each \$1.00, Three \$2.80, Doz. \$10.00

Crimson Pompon. Double dark red of medium height. Each \$1.00, Three \$2.80, Doz. \$10.00

Helen Elizabeth. Pure pink, no dark spots. 30 inches high. Each \$1.25, Three \$3.50, Doz. \$13.00

Henry Cayeux Improved. Smoky old rose tinted lavender. Very attractive color. 32 inches. Each \$1.00, Three \$2.80, Doz. \$10.00

Mahogany. Biggest mahogany-red variety we have yet seen. Each \$1.00, Three \$2.80, Doz. \$10.00

Marshall Van der Glotz. An extra-large white with black blotches. Grows to 32 inches. Each \$1.50, Three \$4.25, Doz. \$15.00

Oriental. Brilliant scarlet with prominent black blotch. A clump of three makes a gorgeous show. Each \$1.00, Three \$2.80, Doz. \$10.00

Salmon Glow. Strong growing type with double salmon-orange flowers often 8 inches in diameter. Each 95c, Three \$2.70, Doz. \$9.50

Salome. A true and clear rose-pink, which is a fine new addition to this startling genus. Each \$1.00, Three \$2.80, Doz. \$10.00

Spring Morn. A flesh pink blending to a deeper pink in the center. Blooms on sturdy 36-inch stems. A beaut. Each \$1.25, Three \$3.50, Doz. \$13.00

Warlord. With that name it has to be red, and it is, a very deep red, probably the best in this color range. Each \$1.50, Three \$4.25, Doz. \$15.00

Watermelon. Just like the juiciest, pinkest watermelon you have ever seen—without any seeds, however. Each \$1.25, Three \$3.50, Doz. \$13.00

PAPAVER ORIENTALE COLLECTION No. 1. Five varieties, our selection, including one of the more expensive varieties, \$4.50.

PAPAVER ORIENTALE COLLECTION No. 2. Ten varieties, our selection, including two of the more expensive varieties, \$8.50.

PARTHENOCISSUS. This genus of deciduous climbers is often confused with *Ampelopsis*, the group containing the well known Boston Ivy. Indeed, they are similar but there is little excuse for confusing them. *Parthenocissus* contains that great plant, Virginia Creeper, as well as *Lowii*, a very small-leaved form, commonly called small-leaved Boston Ivy, which it isn't. There really isn't such a thing—if, of course, you are still following. Shipped spring or fall.

P. quinquefolia. The true Virginia Creeper. It is fast in growth and a lofty climber. Name your height, and, if you are reasonable, this plant will reach it and thrive. Leaves are slender and pointed and rather coarsely toothed. It supports itself as it climbs. In summer leaves are a lovely dull green, rather glaucous beneath. In the fall the whole vine turns to rich autumn tints. It is hardy almost anywhere. Each \$1.75, Three \$4.75, Doz. \$16.75

P. tricuspidata Lowii. This charming vine, which supports itself, as does *P. quinquefolia*, with tendrils tipped with adhesive, is another great climber. Though called small-leaved Boston Ivy, *P. t. Lowii* is closely related to the true Virginia Creeper, described above. It, too, is very hardy. Leaves are very dark green in summer, turn to glorious crimson before it defoliates in the fall. It is an ideal climber in climates unkind to evergreen ivy. Each \$2.75, Three \$7.45, Doz. \$25.95

PENSTEMON (Beard Tongue). This very large family of herbaceous perennials has far too few hardy members. Those in this list are hardy. Drainage is a major requirement—soils must not be soggy in winter. *Penstemon* need lots of water in the summer. A good garden soil, quite sandy, is best. *Penstemon* have a long season of bloom; they make excellent cut flowers. Flowers are always tubular and are



Papaver Orientale

borne in profusion close to the stems. Spring shipped.

Firebird. Large Foxglove-like flowers of rich ruby-crimson on 18-24 inch stems. Blooms from June until frost. Firebird is also a good cut flower. Each \$1.00, Three \$2.80, Doz. \$10.00

Pink Beauty. This brilliant shell-pink grows to 3 feet. Blooms June through August. Each \$1.00, Three \$2.80, Doz. \$10.00

Rose Elf. A compact (18 to 22 inch) grower throwing clear rose-colored blooms. Each \$1.00, Three \$2.80, Doz. \$10.00

Mixed Hybrids. Grown from specially selected seed from an extensive European breeding program, these hybrids are so interesting that you'll want to propagate many of them yourself. The price is right. Three \$2.25, Six \$4.00, Doz. \$7.50

PEONIES—See *Paeonia*

PEPPER—see Herbs, Tellicherry Black

PEPPERBUSH—See *Clethra alnifolia*

PHILADELPHUS (Mockorange). A rich and varied family sometimes mistakenly called *Syringa*. In very cold climates it is best to plant them in the shelter of walls with a southern exposure. The following varieties are hardy and require no special culture. Shipped spring or fall.

Atlas (Giant Mockorange). It is the flowers that are giants, not the plants, although they will attain a considerable size if not pruned. The huge blossoms (3 inches across) are as large as Dogwood blooms and they make excellent cut flowers—so you will prune.

Each \$2.75, Three \$7.85

coronarius aureus. Flowers are small, but richly scented. Strong grower. Leaves yellow when young, becoming greenish-yellow. Gives excellent changing effect in the shrub border. 18-24 inches. Import Each \$3.95

Innocence. An alabaster-white mockorange producing heavily. Each \$3.00, Three \$8.50

Minnesota Snowflake. Double sweet-scented white flowers. Profuse bloomer. A well branched shrub that holds its foliage longer than most Mockorange. (Patented) Each \$3.50. Three \$9.75

Virginalis, Albâtre. Semi-double, fragrant flowers. Compact habit. Height 6 to 8 ft. Each \$3.50

PHLOX DECUSSATA. To grow hardy garden Phlox satisfactorily, be sure soil is well-drained, deep and heavily enriched. Keep in full sun. Water freely under the foliage. (It likes its feet wet and its clothing dry.) In wet weather dust with sulphur to prevent mildew. Don't plant too close to stone walls—they are damp. Set plants far enough apart to get good air circulation. Divide the roots every three or four years to keep Phlox vigorous and flowers large. Destroy all seedlings—they turn to ugly magenta colors and are so vigorous they crowd out named varieties. Shipped spring or fall.

Symons-Jeune Strain. This strain of Phlox decussata is the most beautiful we have found. It has been developed by a colonel in the British Army who has made it a point to breed not only for great flowers on huge panicles, but who insists upon color honesty and fragrance. We have been bringing over the strain from the originator for a number of years and now have sufficient stock to offer most of Symons-Jeune's fine varieties. All are vigorous.

Cecil Hanbury. One of Symon-Jeune's "older" varieties popular in England because of its compact, free flowering habit combined with its glowing salmon-orange flowers with carmine centers. 30-36 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Cleopatra. New 1961. This is a stand-out Phlox in terms of brilliance. The truss is medium in size, but with excellent shape and very large, full pips. Color is orange-scarlet, about the brightest, gayest Phlox you'll see. In our 1960 Trials, Cleopatra, the flashy thing, received the most attention. Height: 30 inches, sturdy stems. Available fall 1961. Each \$2.50

Cool of the Evening. This new lavender-blue (almost slate-blue) with a slightly deeper center is something you will like in the blue range. Height: about 40 inches.

Each \$1.25, Three \$3.50, Doz. \$13.00

Cream Sundae. New 1961. This can be called a new color—a deep cream with a delicate pink overcast. It grows here to a bit over 24 inches. Its huge truss is of beautifully carried large individual flowers. Each \$2.50

Dodo Hanbury Forbes. Introduced 1960. Here is a magnificent clear pink Symons-Jeune origination. Its huge head is rather triangular in form—full 16 inches across. The individual flowers are large and stand up well under adverse weather conditions. About 30 inches high.

Each \$1.25, Three \$3.50, Doz. \$13.00

Dresden China. Exquisite soft shell pink deepening at the

eye. A fine addition to the pastel shades. 30-36 inches. Each \$1.00, Three \$2.80, Doz. \$10.00

Endurance. Here is a semi-dwarf—it rarely hits 24 inches. Pips are deep salmon-orange with carmine eyes. Why its name? Because it stays in bloom so very long.

Each \$1.25, Three \$3.50, Doz. \$13.00

Everest. New. Dazzling white flower with faint rose-colored eyes. Everest is vigorous and free-flowering. Pips are exceptionally large, the flowerheads beautifully formed. Height: 30-36 inches.

Each \$1.25, Three \$3.50, Doz. \$13.00

Excelsior. New 1961. A big fellow—growth to 4 feet on exceptionally strong stems is not unusual with good culture. It's a doge-purple (not magenta, although there will be those who call it that). Heads are huge.

Each \$1.95, Three \$5.50

Exquisite. A tall grower—up to 4 feet, and very good for the back of the border. Color is a fine soft pink with pale crimson eye. Petals are slightly flushed crimson. Dark green stems and foliage.

Each \$1.25, Three \$3.50, Doz. \$13.00

Fairyland. New. Delicate shell-pink with all the other good qualities of a Symons-Jeune Phlox. Height: 30-36 inches.

Each \$1.25, Three \$3.50, Doz. \$13.00

Fairy's Petticoat. A lovely new variety with immense pale pink pips with darker pink eyes. Huge heads are produced by these sturdy plants, which have an unusually long flowering period. Height: 30-36 inches.

Each \$1.25, Three \$3.50, Doz. \$13.00

Floreat. New 1961. A wine-red, lighter than Bordeaux, darker than Rosé. Again, trusses are huge, pips large, and just to remind you, this variety, like all other Symons-Jeune Strain Phlox, is fragrant. Grows to about 3 feet.

Each \$2.50

Gaiety. Another new semi-dwarf (about 28 inches). It's early. Flowers are a brilliant cherry-red, suffused with orange.

Each \$1.25, Three \$3.50, Doz. \$13.00

Gala Day. New 1961. A variety that will grow to 4 feet, and although it won't withstand a beating storm (what plant will?), it will stand up in most weather. Color is a soft carmine-rose with a very large carmine eye, almost a headlight.

Each \$2.50

Iceland. Introduced 1960. This strong and robust variety is also very tall. It grows to 4 feet under good care. Trusses are huge. Color is white with an iced-blue overcast.

Each \$1.25, Three \$3.50, Doz. \$13.00

Joan. Almost a scarlet with crimson eye. Compared to other varieties, it's a dwarf, but the heads are as large. 24 inches.

Each \$1.10, Three \$3.00, Doz. \$11.00

Lady Violet. New. An attractive light violet-purple plant producing large heads. Lady Violet flowers much later than most Phlox. Height: 30-36 inches.

Each \$1.25, Three \$3.50, Doz. \$13.00

Lilac Time. A fine new phlox with large heads which have huge individual flowers of clear lilac-blue. 42-48 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Little Lovely. A real dwarf—try to get it above 18 inches. Heads are delightful, the large pips are woods-violet with just a suggestion of a white eye. Available Fall, 1961.

Each \$1.25, Three \$3.50, Doz. \$13.00

Olive-Symons-Jeune. The Captain named this one after his daughter—because it is superlative, considered by Sy-



Phlox

mons-Jeune to be the best he has produced. Trusses are huge, so are the pips, shape is all one could ask. Color is a rich rose, illuminated with orange. Height about 40 inches. Stocks limited. Each \$1.50

Olive Wells Durrant. Introduced 1960. This variety received an RHS Award of Merit last year. Trusses are huge and ever so compact—the pips lie flat and close together. Color is a clear light rose, the eye carmine.

Each \$1.25, Three \$3.50, Doz. \$13.00

Powder Puff. You can't make this new S-J Phlox grow over 2 feet—and the heads are so big the thing looks like a bush. It's an incredible plant—the softest of pink. Stocks limited. Each \$1.50

Queen of Tonga. New. This charming late flowering variety produces enormous salmon-rose trusses with light crimson eye. Unusually vigorous. Height: 30-36 inches.

Each \$1.00, Three \$2.80, Doz. \$10.00

Red Indian. New. The vivid wine-crimson heads and pips make this Englishman outstanding. Heads and pips are of medium-size. Each \$1.25, Three \$3.50, Doz. \$13.00

Russian Violet. A magnificent new S-J Phlox with rich violet-purple pips on huge heads. (Not magenta.) Height: about 40 inches. Each \$1.50

Shenstone. A bright cherry red with deeper crimson eye. Compact heads with large individual florets. 36-42 inches. Each \$1.10, Three \$3.00, Doz. \$11.00

Silver Lining. Free-flowering bright rosy-red flowers on perfectly shaped trusses. 36-42 inches.

Each \$1.10, Three \$3.00, Doz. \$11.00



Parrot Tulip

Sister Haydock. New 1961. Color is deep rose-pink with a merging crimson eye which has a slight ivory blaze. That may be hard to visualize; if so, you'll just have to take our word for it that the color, though unusual, is unusually good. Grows to 3 feet.

Each \$1.95, Three \$5.50

Toits-de-Paris. Slate-colored like the roofs of Paris—call it a solid lavender-blue. Excellent addition in this color range, and we shall take off our hat to Symons-Jeune when our paths cross next time on our favorite Parisian roof.

Each \$1.50

SYMONS-JEUNE SAMPLER COLLECTION. Ten plants, one a new introduction, about a \$14.00 value, for \$10.00.

Standard Phlox Varieties. There are many varieties of Standard Phlox that have excellent habits and are quite beautiful. The following do best throughout the country.

Charles Curtis. Brilliant cherry red. Does not fade. 30 inches high.

Each 80c, Three \$2.25, Doz. \$8.00

Mia Ruys. Large white waxy flowers on dwarf plant.

Each 80c, Three \$2.25, Doz. \$8.00

Rembrandt. A pure white and an excellent performer. Height: 36 inches. Mid season.

Each 90c, Three \$2.50, Doz. \$9.00

Sir John Falstaff. New. A giant with a rich, luminous salmon-pink color. The individual pips or blooms are nearly 2 inches in diameter.

Each 95c, Three \$2.55, Doz. \$8.95

White Admiral. New. Enormous white heads with side branches that prolong blooming beyond the normal Phlox season.

Each 95c, Three \$2.55, Doz. \$8.95

World Peace. A heavy growing pure white having dark green, glossy foliage and it blooms, believe it or not, in September.

Each 95c, Three \$2.55, Doz. \$8.95

A WHITE PHLOX GARDEN. In one package—a pure white garden that will bloom vigorously a long time. 15 plants, \$11.50.

A PINK AND WHITE PHLOX GARDEN. We have always believed in massing colors of the same tone—or in massing not more than two contrasting tones. These pinks blend well when separated with three each of the whites. 18 plants, \$15.50.

MULTI-COLORED PHLOX COLLECTION. Fifteen plants, mostly Symons-Jeune strain, our selection, but each quite different, \$13.50 each collection.

PHLOX DIVARICATA. Dwarf phlox that blooms with Botanical Tulips in April. Grows about 15 inches tall, has heavy small broad leaves and is covered with clusters of flowers in early spring. Enjoys some shade. Spring shipment.

***Canadensis, Blue** Each \$1.00, Three \$2.80, Doz. \$10.00

PHLOX STOLONIFERA. **Blue Ridge.** New. This is a most pleasant creeper that sends up 3-4 inch stems on which are heavy clusters of blue flowers. Thrives in shade. Spring shipment. Each \$1.00, Three \$2.80, Doz. \$10.00

PHLOX SUBULATA (Mountain or Moss Pinks). These usable plants have pleasant moss-like foliage and when in bloom are covered with vivid flowers. Most varieties multiply rapidly. Cover bare spots or use as edging or as individuals in the rock garden. They require full sun; soil, dry and sandy and not too rich. Shipped spring or fall.

***alba.** Pure white. Each 90c, Three \$2.50, Doz. \$9.00

***Emerald Cushion Blue.** Blue form of above.

Each 90c, Three \$2.50, Doz. \$9.00

***Scarlet Flame.** A new addition to this pleasant genus. Color is ruby-scarlet with a vermilion eye.

Each \$1.00, Three \$2.80, Doz. \$10.00

***Vivid.** Bright pink with darker pink eye.

Each 90c, Three \$2.50, Doz. \$9.00

PHLOX SUFRUTICOSA (Early Phlox). The ever popular early phlox with long tubular flower heads. Blooms from June until late Summer. Shipped spring or fall.

Miss Lingard, White.

Each \$1.00, Three \$2.80, Doz. \$10.00

PHYSOSTEGIA (False Dragonhead). Excellent for a wild garden or sunny border. Flowers appear on terminal spikes, July to September. Plants should be dug and divided every two years. Spring shipment.

Bouquet Rose. A lovely rose shade. The flowers, which bloom from July to September, brighten things up during this slow period in the border.

Each 90c, Three \$2.50, Doz. \$9.00

virginiana alba. Pure white, and a charmer.

Each 90c, Three \$2.50, Doz. \$9.00

virginiana vivid. Dwarf variety about 18-24 inches. Brilliant rose flowers. Also good cut flowers.

Each 90c, Three \$2.50, Doz. \$9.00

PICEA. This is the regal Spruce family, but we have omitted offering any that grow regally, for they have no place in the average American garden. The Colorado Blue Spruce, for example, develops into a beautiful tree, but plant one, as many home owners do, on small grounds, and before long you can't see anything except one Colorado Blue Spruce. The following are all dwarf or containable forms of Picea.

P. Albertiana Conica. The Alberta spruce. A rare and hard-to-find dwarf evergreen of great beauty. Its delicate needles are a delightful, almost sea-foam green in color, and are so compactly massed that the plant seems to be nearly solid. The Alberta spruce is conical in shape, very slow in growth. These 18-24 inch plants are shipped balled-and-burlapped only. Each \$17.50. 24 to 36 inches, each \$27.50. Shipped spring or fall.

P. excelsa compacta. Very dwarf and very compact. Makes a most interesting specimen. Shipping plants are balled, about 6 inches high and bushy.

Each \$5.00

P. pungens pendula. This is the dwarf form of Colorado Spruce (not Colorado Blue Spruce), and it also makes a handsome specimen. Shipping plants are 9 inches and balled.

Each \$5.00

PINCUSHION FLOWER—See Scabiosa

PINE—See Pinus

PINKS—See Dianthus

PINUS. The name of this genus comes from the Latin "pix" or "piceis," used by Virgil and others to describe plants exuding pitch. Pinus now means Pine to us. It's a huge family of evergreens, useful, evidently for nearly everything. We refuse to describe them in detail. Our interest, and yours, is not in lumber or pitch—what we want in Pines are the unusual, the decorative, and the dwarf. There are lots of them, and we've been working with Arnold Arboretum's fine collection. Here are a few that are coming along—there will be more announced as we get these fine needle-evergreens to saleable size. Shipped spring or fall.

P. aristata (Bristlecone Pine). This variety has been called "The Incredible Conifer," and indeed it is, for *P. aristata* has been proved to be the oldest known living thing. It is a Far West native and scientific tests on one have proved it to be 4,600 years old, 15 centuries older than the oldest giant Sequoia. We don't suggest that you plant one in the front yard, carve your initials on its trunk, and thus confound archeologists and botanists in the year 6000 A.D. But if you are interested in Bonsai, this Pine makes an ideal subject. Shipping plants are 4 inches high, bushy, ideal for a small Bonsai dish.

Each \$3.25

P. cembra. This is the Swiss Stone Pine. It's a lovely bushy thing, slow-going. These grafts are 18 to 24 inches in diameter, and as high. Shipped balled-and-burlapped only.

Each \$9.00



Platycodon

P. strobilus pendula. Here the weeping form of the White or Weymouth Pine. It will need a bit of room, for it makes rapid growth. Lovely specimen. Shipping plants are 12 inches, balled. Each \$5.00

P. Tanyosho. Japan is full of unusual forms of Pine, but most are not hardy here. This lovely thing is. It grows only to about 10 feet and becomes a beautiful full conical mound of green. No shearing is required to form it. Shipping plants are about 12 inches, balled. Each \$5.00

PLANTAIN LILY—See Hosta

PLATYCODON (Balloon Flower). Requires a light sandy soil, well drained. Put in full sun. Do not disturb after planting. Once established it is rewarding—colored bells on 20 inch stems are excellent cut flowers and the plants bloom all summer. Spring shipment.

grandiflorus. Deep blue bells on 20 inch stems. Single. Each 90c, Three \$2.50, Doz. \$9.00

grandiflorus album. White form of the above. Each \$1.00, Three \$2.80, Doz. \$10.00

Shell Pink. Soft shell pink. The coloring is at its best when grown in semi-shade. Each \$1.00, Three \$2.80, Doz. \$10.00

***PLUMBAGO.** *Larpenae.* A very desirable border or rock plant. It is dwarf, spreads 6 to 8 inches, and is covered with brilliant blue flowers from August through September. Likes part shade. Shipped spring or fall.

Each 95c, Three \$2.70, Doz. \$9.50

POLEMONIUM (Jacobs Ladder) **Blue Pearl.** Clear light blue flowers in May and attractive foliage make this plant a good one for use in the rockery and for border. Height: 12-8 inches. Shipped spring or fall. Each 90c, Three \$2.50, Doz. \$9.00

POLYGONUM (Fleece Vine). Excellent ground cover for sunny locations. Will do in sun as Vinca or Pachysandra does in shade. Easily grown in ordinary soil. Plant about 18 inches apart. Other forms are excellent climbers. Shipped spring or fall.

Auberti (Silver Lace Vine). A vigorous and rampant climber. As it grows quickly to 40 feet, Auberti, which comes from Western China, is invaluable for achieving immediate screening effects. Plant at the base of an old tree whose trunk is unsightly—any place where it has room to spread widely. It is covered with small white flowers for a long period, but its lacy leaves remain ornamental long after the flowers are gone.

Each \$2.00, Three \$5.75

***Reynoutria.** Light green foliage (6 inches high) which turns bright red in autumn. Spreads rapidly. Fleece-like sprays of pink flowers appear from September until killing frost. Each 90c, Three \$2.70, Doz. \$9.50

POTENTILLA. Here, largely the "Shrubby Cinquefoils" and they are full of quality. They are very hardy, dwarf or moderate in size, and they thrive in any soil and in sun or partial shade. Their flowers are like small single roses, and are in full display in most varieties from late June until frost. Shipped spring or fall.

aurea verna. This is a trailer, scarcely 3 inches high with strawberry-like leaves. It is covered with a profusion of yellow single rose-like flowers in June-July-August. Aurea verna is of perennial, or sub-shrub, growth in most climates. Its home is in the European Alps and the Pyrenees. Each \$1.00, Three \$2.80, Doz. \$10.00

Katherine Dykes. Heavy producer of extremely bright yellow flowers. An import. 9-12 inches. Each \$2.50, Three \$7.15, Doz. \$25.00

Miss Wilmot. Not a shrubby type, Miss Wilmot is a herbaceous perennial. It has strawberry-like leaves on a very compact plant that rarely grows more than a foot high. Color of the profuse blooms is cerise, a very pleasant shade of this violent color. Each \$1.00, Three \$2.80, Doz. \$10.00

White Gold (A White Flower Farm Patent). In the summer of 1953 we were walking through the experimental gardens of Hillier & Sons, the fabulous English nursery, founded in 1864, which propagates nearly 100,000 different plants but catalogues only about 35,000 of them. With us was Harold Hillier, head of the firm. In a large section devoted to Potentilla, we noted a low-growing plant that was covered with light golden flowers—moreover, they were nearly as big as fifty-cent pieces, which is twice or more the size of any flowering Potentilla we had ever seen. "And what's that?" we said. Hillier, who had not been stumped for a name that morning, said he

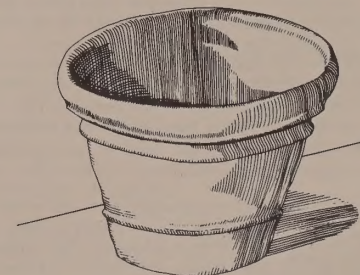
didn't know, but he unwound a strip of printed lead and said, "It has no name; it's the result of a series of crosses we have made—Heavens knows what for, but I can find out." Back at the office we discovered Hillier's propagator was very pleased with his work, for the plant had the two characteristics sought—low, compact growth and those wonderfully large golden flowers. It was about ready for sale. Instead, Mr. Hillier decided that he would let White Flower Farm test the plant in America, and, if things turned out well, he would join us in a patent. Things have turned out very well. Growth here has been even more satisfactory than in England due to the hot summer sun. Furthermore, the variety has proved absolutely hardy—not a test plant was lost in the awful 1958-1959 winter.

For obvious reasons we have named it White Gold. But in the event you are thinking of colorless gold, the plant is regular gold in color, a most pleasing shade of the precious stuff. Flowers, as noted, are huge. The first flush of bloom is followed by masses of recurrent bloom straight through until frost. You'll like the lovely dark green leaves and White Gold's very compact spreading growth. It needs a rich loam, a well-drained location, full sun. 15 to 18 inch plants. Balled-and-burlapped.

Each \$6.00. Bareroot \$4.50

POTTERY. Terra Rossa Italian Ring Pots. We searched the American import market for these lovely unglazed flower pots and found none. So in early 1956 in Italy we went to a tiny village in the north country where a handful of little factories make these pots from a beautiful clay called Terra Rossa. The potter we chose is a delightful Italian who scorns pottery machines, turns all his ring pots by hand to get the highest possible degree of porosity. We grow Fuchsia (which flower all summer) in them on a terrace. Try it, you'll be delighted. Incidentally, these pots are perfect in a modern apartment—with or without plants in them. Terra Rossa is somewhat grey when dry, the full rose color comes out when they are damp.

We now have a complete line of this lovely pottery—quite small ones (Sizes 0 and 1/2) for use indoors (or outdoors) to Sizes 5 and 6, huge ones available only by special order and which require six months or more for delivery. Weights below are weights packaged. Diameter and height are plus or minus a half inch, for this pottery is handmade, no two identical.



Size	Diameter	Height	Weight	Price
0	6"	5"	6 lbs.	\$ 2.95
1/2	7"	6"	7 lbs.	3.95
1	8"	7"	8 lbs.	4.95
1 1/2	10"	9"	12 lbs.	5.95
2	12"	10"	20 lbs.	7.95
2 1/2	14"	12"	28 lbs.	12.95
3	16"	14"	37 lbs.	18.95
4	20"	17"	70 lbs.	29.95
5	30"	26"	210 lbs.	145.50
6	40"	36"	300 lbs.	195.50

Sizes 0 through 2 are shipped Parcel Post, or Express, whichever is cheaper; 2 1/2 through 4 Express only; 5 and 6 from Italy, over-the-road freight charged from New York. Pottery is shipped transportation charges collect. When shipped as gifts we prepay and bill the donor.

PRIMROSE—See *Oenothera* and *Primula*.

PRIMULA. Primroses, Cowslips, Polyanthus and about 300 other plants in the *Primula* family, are mostly north temperate zone plants. This huge family has one common trait—nearly all members require peaty soils, lots of moisture, and an astonishing number of them like partial shade. Some are devils to grow, and with them we have no traffic. Primulas in the U.S. are susceptible to red spider, which can be well controlled with a Malatation and DDT spray. This is best used at the start of a hot spell, not afterward when the plants have red spider. Those listed (there will be more) will grow well in nearly any climate. Spring shipment.

P. denticulata. A shade lover, but give it light. Flowers are mostly lavender or white purple.

Each 90c, Three \$2.50, Doz. \$9.00

Polyanthus (many flowered). This fine strain of *Primula* is grown from specially selected seed produced by Vetterle & Reinelt, famous for their development of the Round Table Series of *Delphinium*. Colors include shades of blue, rose, crimson, scarlet, dark red, yellow, bronze and white. We have found them hardy. They should be planted in partial shade in a good rather moist, loam. Shade is very important for *Primula* hate hot summer sun. Order by color, giving second choice.

Each 90c, Three \$2.50, Doz. \$9.00

Mixed colors, our selection. Three \$2.15, Doz. \$7.50

PULSATILLA. This feathery plant looks like an anemone, and indeed is closely related. It is, however, a genus apart. *Pulsatilla* is very early, often blooms before the foliage is developed. The *Pulsatillas* like open, unshaded places and a well-drained soil. They do not resent lime.

P. vulgaris. Finely cut gray-green foliage with wooly buds in early spring. Purple to violet flowers appear on 6-10 inch stems in early May in Litchfield. This variety seems to do well in part shade, but like all members of the family, give it good drainage.

Each 90c, Three \$2.50, Doz. \$9.00

PYRACANTHA (Firethorn). This excellent family of evergreen shrubs, after bearing trusses of white flowers in late spring, produces a crop of small orange-scarlet berries which remain until late winter. Birds like them. Good for dry foundation plantings. Thrives in protected well-drained locations. Shipped spring or fall. All varieties, except dwarfs, can be grown in espalier form against walls. **Note: Fall Shipment only in 1961.**

P. coccinea Lalandi. Same as the variety below but with thorns. Each \$3.50, Three \$9.75, Doz. \$35.00

P. coccinea pauciflora. The principal feature of this variety is that it is low-growing and spreading shrub, which makes it useful anywhere. Berries, in profusion, are orange, long-lasting. Its evergreen foliage is a lush dark green. Hardiness? Nearly anywhere south of Canada. (We are told of protected specimens thriving in Quebec.) Small plants with a ball of earth.

Each \$3.50, Three \$9.75, Doz. \$35.00

P. coccinea Wyattii. This *coccinea* produces berries of orange-red. Foliage is evergreen—very dark. Its toleration of poor soil conditions makes it useful for foundation plantings, for soil at such locations is generally poor. *Wyattii* is also widely used to make sensational hedges which can be kept in bounds by judicious pruning—or let them grow in their natural and beautiful irregular shape. Small plants with ball of earth.

Each \$3.50, Three \$9.75, Doz. \$35.00

P. Kazan. Bright orange-red berries cover the plant in the fall and are retained until late winter—if the birds don't get them first. Foliage is a bright glossy green. Can only be moved when quite small; shipped with a ball of earth. Very hardy.

Each \$3.50, Three \$9.75, Doz. \$35.00

PYRETHRUM (Painted Daisy). Plant Spring or early Fall in ordinary soil in groups of 3 plants, each about a foot apart. Spring shipment is best.

P. Giant hybrids. This group is grown from specially selected seed. They generally are giants. Some are double, others single. Colors are in shades of red and pink—and some are white. Sold as a mixture only.

Three \$2.15, Doz. \$7.50

P. Robinson's Crimson. Flowers are large, single and crimson-red. Excellent for cutting as they last a long time in water.

Each \$1.00, Three \$2.80, Doz. \$10.00

P. Robinson's Rose. Habit of growth and qualities as a cut flower are equal to that Robinson above. This, obviously, is the *Pyrethrum* for those who like rose.

Each \$1.00, Ththree \$2.80, Doz. \$10.00

ROCK CRESS—See *Arabis*

ROCK ROSE—See *Helianthemum*

ROSA. The Rose tribe is huge and getting huger. The many American and European hybridizers literally flood the world every year with new varieties of Teas and Floribundas. Then they invent new classes like *Grandiflora*. Now there are more varieties of Roses than you can count and a lot too many classes. Some new Roses, of course, are very lovely, but



Rambler

many are look-alikes. We've decided that this organization should pick a few of the very best of the new and old Teas and not offer a long list, as do the specialists. Ditto the other types. And this is what we are doing from now on. We've taken the best of the very new Teas, the three best red ones (all different shades), and added to them the other colors that have been bred from Peace, the finest Rose ever produced. This is the healthiest and hardiest family of Tea Roses extant and it provides a big range in colors other than red. In Floribundas we have chosen only those varieties that perform gorgeously all season, and have tossed out those which are gorgeous only in first bloom, and there are lots of them. Ditto *Grandifloras* and Climbers. W.F.F., as you will see, adds heavily every year to its list of Shrub (or bush) Roses. There is nothing more satisfactory. In any event, we consider this list a good distillation of the Rose tribe. We are going to keep it that way by admitting only star performers. Spring shipment only.

Note: Rose plants offered below are generally known in the trade as "jumbos"—better than No. 1's. You will find that in most instances prices are the same as for No. 1, the size generally sold by reputable firms.

R. Climbers. Highly useful on fence, wall or trellis. There are many varieties, but after testing climbers for years we have decided that the seven varieties

below have no equals in the class. All are profuse bloomers, four of them will throw recurrent bloom if culture has been good, all are root hardy everywhere, but canes should be lightly protected in very harsh climates. For best effect against walls and fences plant one variety, or alternate two. Spacing depends upon taste. We think 12 feet is close enough—after two or three years tips of the canes from each plant will almost touch.

Blaze. Semi-double, brilliant scarlet. Foliage large, leathery and dark. Generally blooms more than once a season.
Each \$1.50, Three \$3.90, Doz. \$15.60

Chrysler Imperial (Patent). The vivid crimson prize winner in climbing form. Each \$2.75, Three \$7.20, Doz. \$28.80

Mrs. E. P. Thom. An excellent canary-yellow climber. Buds are long and pointed; flowers are large, double and fragrant. A strong grower with recurrent bloom if kept moist during hot summer days.
Each \$1.50, Three \$3.90, Doz. \$15.60

New Dawn. A thirty-foot section of the 700 foot great stone wall that separates White Flower Farm from old Straits Turnpike, the colonial toll road to New Haven, is a solid planting of these double, very fragrant bluish-pink climbers, New Dawn is one of the few perpetually blooming climbers—as of October 27, 1959, well after two hard frosts, these plants were still in bloom with new buds gamely coming along.
Each \$1.50, Three \$3.90, Doz. \$15.60

Peace. Don't wait longer to get the great Peace rose planted as a climber. Each \$2.25, Three \$6.00, Doz. \$24.00

Tiffany. As a climber this award winner's bright phlox-pink flowers are just as lovely as in the tea form.
Each \$2.25, Three \$6.00, Doz. \$24.00

White Dawn. Medium size, double, white. Recurrent bloom. Glossy foliage. Fragrant.
Each \$1.50, Three \$3.90, Doz. \$15.60

R. Floribunda. This is not only a charming but highly versatile Rose group, known to be exceptionally sturdy and winter-resistant. Because Floribundas flower in large clusters, they are very showy plants and their continuous bloom produces a continuous show all summer. Mass in beds by a single variety, or alternate with contrasting or blending colors. They also produce charming lowish hedges—2½ to 3 feet is as tall as they grow. Or clump three to five of them in the mid-section of the perennial border. Best planting distance for Floribundas is 24 inches.

Fashion. Luminous coral-pink overlaid with gold. Colors lighten, then darken. (Patented.)
Each \$2.00, Three \$5.25, Doz. \$21.00

Fire King. All-America Award, 1960. Color of blooms on the heavy clusters is an iridescent vermilion—brilliant as can be. Flowers, fully double, open slowly from blood-red pointed buds. Foliage is a rich dark green.
Each \$2.50, Three \$6.60, Doz. \$26.40

Frensham. (Polyantha) This vigorous shrub (up to 4 feet high) has semi-double, deep scarlet blooms. Foliage is heavy.
Each \$2.00, Three \$5.25, Doz. \$21.00

Goldilocks. When in bloom, and that is constantly, the bush is a golden yellow mass. (Patented.)
Each \$2.00, Three \$5.25, Doz. \$21.00

Heat Wave. An exciting new rose that is a fiery Chinese-red with persimmon and ruby shadings. Buds and flowers are

shaped like Teas—extremely floriferous, and a repeating bloomer. The plant itself is large with compact and heavy foliage. Each \$2.75, Three \$7.20, Doz. \$28.80

Sarabande. All-America Award, 1960. Brilliant oriental-red blooms, semi-double, heavily accented with bright yellow stamens. Sarabande is spreading in habit, flowers recurrently all summer.
Each \$2.50, Three \$6.60, Doz. \$26.40

The Fairy. A 4-5 foot pink beauty—really. It flowers continuously and we have never seen a Jap Beetle touch it. Need more recommendation?
Each \$2.00, Three \$5.25, Doz. \$21.00

White Bouquet. Sparkling white gardenia-like blooms with a spicy fragrance. Contrasting dark green lustrous foliage. 1956 Award Winner. (Patented)
Each \$2.50, Three \$6.60, Doz. \$26.40

FLORIBUNDA COLLECTION: Six varieties from this highly satisfactory class, our selection, for \$11.50. (Value about \$13.50.)

R. Grandiflora. This new rose classification consists of the new and growing group of crosses between Teas and Floribundas. These roses are tall, somewhat taller than Floribundas, but just as bushy; flowers resemble the Teas when in bud, or in full bloom; they are produced in clusters on stems that are longer than stems of Floribundas.

Buccaneer. The brightest, most colorful yellow rose. Vigorous 4½ foot plants. (Patented.)
Each \$2.50, Three \$6.60, Doz. \$26.40

Carousel. A sparkling red Grandiflora of medium height. (Patented.)
Each \$2.00, Three \$5.25, Doz. \$21.00

Pink Parfait. All America Award 1961. The few of these we had on trial in 1959 attracted lots of attention. The variety is really a sensational bloomer—the plants stayed loaded with buds right up to frost. Color is an extremely delicate blending of pink and creamy pastels. And the plant itself is exceptionally sturdy. Each \$3.50, and supplies are quite limited.

Queen Elizabeth. Flowers are a blend of soft carmine rose and dawn pink. Plant is tall and vigorous. 1954 Award Winner. (Patented.) Each \$2.50, Three \$6.60, Doz. \$26.40

R. Hybrid Tea. The popular Teas need no introduction. All produce specimen blooms on long stems and we know of none in this list that do not make wonderful cut flowers. And be sure to cut stems as long as possible, Teas like this heavy pruning—keeps them in constant heavy bloom. Note: in cutting snip the stem back to within a half inch of the last 5-petalled leaf. New growth sprouts from this point.

As noted earlier we have cut this list sharply and have kept only Teas of outstanding merit—most of them the newer originations. It is divided into two groups—reds and the newer originations of merit are in Group 1, the Peace family makes up Group 2. Between them you get a wide color range and superb plant stamina.

R. Hybrid Teas. Group No. 1. Red and late introductions having top specifications. They are great Roses anywhere in the U.S.A.

Duet. All America Award 1961. This new Tea is an exceptional bi-color. It is a warm salmon-pink and a glowing orange-red. It is also a very prolific fellow. Experiment with it.
Each \$3.50

Forty-Niner. Inside petals vivid orient-red, outside chrome yellow. (Patented.) Each \$2.25, Three \$6.00, Doz. \$24.00

Kordes Perfecta. A 1959 Introduction which is the only one of that year's new crop of Teas that we think is outstanding. And it surely makes the grade in this demanding list. Buds are cream-white, petals edged carmine, and as the flower opens the red permeates the petals. The plant itself is vigorous.
Each \$3.50, Three \$9.20, Doz. \$35.70

Living. Chosen for this special and restricted list of Teas for its novel coloring. It is a reddish orange with the reverse of the petals copper streaked red. Blooms have a pleasant spicy scent. Also, it is very vigorous and bloom is abundant all summer.
Each \$2.75, Three \$7.20, Doz. \$28.80

Mojave. Glowing apricot-orange blooms that are fully double. Stems are generally very long, a feature of this variety. And the plant has great vigor.
Each \$2.75, Three \$7.20, Doz. \$28.80

New Yorker. Scarlet with deeper red undertones. Has rich velvet sheen. Very heavy bloomer even during hot weather. (Patented) Each \$2.25, Three \$6.00, Doz. \$24.00

Tiffany. There has never been a better pink in this class, never a Rose more fragrant. Fully double.
Each \$2.75, Three \$7.20, Doz. \$28.80

R. Hybrid Teas, Group No. 2. The Peace Family. There has never been a Rose like Peace, which was hybridized by Madame Meilland in the huge Meilland Rose factory at Antibes. Her husband, head of the firm and now unfortunately deceased, told this writer in 1950 that Peace was already the base for a whole new family of Hybrid Teas. He showed us a few of them then. Meilland said that his wife was close to a pink (it was announced in 1959) and he said that they believed it possible to get a full color range out of this remarkable parent. The Peace family is actually a very big one, but not all of the members do well all over the U.S.A. Those listed below do—and except for the missing red, the color range is remarkably good.

Confidence (Peace). Peach toned pastels.
Each \$2.50, Three \$6.60, Doz. \$26.00

Garden Party. All America Award, 1960. Here's a sensational cross between Peace and Charlotte Armstrong that led its class this year, and will continue to do so, we believe, for years to come. Flowers are huge, petals creamy-ivory that are tinted a delicious apple blossom pink at the outer edges. Foliage, like Peace, is olive-green, and again like Peace, this is a very vigorous plant. If we had had a hat, we should have tipped it when we first saw Garden Party at a garden party last year.
Each \$3.50, Three \$9.30, Doz. \$37.20

Grand 'Mere Jenny. Peach, pink and yellow tones—a quite lovely array of pastels.
Each \$2.25, Three \$6.00, Doz. \$24.00

Lady Elgin. Another great member of the Peace family. Orange-apricot colored blossoms of great size.
Each \$2.50, Three \$6.60, Doz. \$26.40

Love Song. A two-tone: yellow with salmon-pink.
Each \$2.50, Three \$6.60, Doz. \$26.40

Peace. The most important Rose in generations. Plants are huge and hardy. Chameleon-like flowers open yellow, edged pink, deepen in time as bloom matures. Long lasting, heavy blooming—deserving of its title “Rose of This Century”. (Patented.)

Each \$2.50, Three \$6.60, Doz. \$26.40

Pink Peace. Brand new in 1959. Flowers are enormous, dusky-pink, and carried on erect heavy canes. Free and continuous bloomer, non-fading and fragrant. Want to know more?

Each \$3.00, Three \$7.95, Doz. \$31.80

Symphonie. Here a multi-toned pink.

Each \$2.00, Three \$5.25, Doz. \$21.00

White Knight. One of the finest of pure white roses.

Each \$3.00, Three \$7.95, Doz. \$31.80

PEACE BLOOD COLLECTION. Six members of this royal family of Roses, including Peace and Pink Peace. Each collection \$15.00. (Our selection only.)

R. SHRUB. This is the most neglected group of Roses in America and we think we know the reason why. Shrub Roses have been dubbed “Old-fashioned” Roses, and we Americans are allergic to the word. Someone should have called them antiques, which they are, then everybody would buy them. The finest forms of these Roses were developed in Europe more than a century ago, and they are so hardy most varieties have continued to survive. Shrub Roses need no attention. Blooms in many instances are as large as Teas, some are larger, many bloom continuously. The bushes grow from 4 to 8 feet high, spread nearly as far. They make excellent individual specimen plantings on a lawn. But the grandest way of all to use them is in the shrub border, or make a whole shrub border out of them. You will be well rewarded. Sizes indicate height at maturity.

To assist you in your selections we have divided the Shrub Roses into groups, describing each.

R. Shrub. Group No. 1. Damask. This group is said to have been brought back to France by the Crusaders. It entered England about 1573. It's an important group, its blood lines extend to all modern roses. Damasks are all about 4 to 6 feet tall, bloom only in the spring, but the size, quantity, and fragrance of the flowers more than make up for this deficiency—if it is a deficiency. We have many more coming along in this category.

Rose de Resht. We first saw this Rose in France nine years ago. It blooms over a very long period—far longer than any Damask we have ever known. It really is perpetual with us, and others we have shipped it to find this true with them. Rose de Resht matures to a sturdy 5 foot bush, heavily-leaved. It has large pompon-like blooms—balls of intense crimson, fading paler with lilac tints. Many who have seen this Rose say it is just as sensational as Nevada. What more can one ask?

Each \$3.00, Three \$7.95, Doz. \$31.80

R. Shrub. Group No. 2. Hybrid Perpetual. In this classification are grouped Roses that are generally large-flowered, very hardy, and fragrant. Height varies considerably between varieties—4 feet is usually minimum, 6 feet the highest. Most varieties in this group bear recurrently if pruned after blooms fade.

Baronne Prevost. (Hybrid Perpetual) Large-flowered-rose-pink blooms with lilac shadows. Blooms until frost. Ma-

tures at 5 feet with about that much spread.

Each \$2.50, Three \$7.15, Doz. \$25.00

Ferdinand Pichard. (Hybrid Perpetual) Novelty. Double red and white striped blossoms accented by lettuce-green foliage. Abundance of flowers all season. 5 to 6 ft.

Each \$2.50, Three \$7.15, Doz. \$25.00

Frau Karl Druschki. (Hybrid Perpetual) Snow white, immense blooms, pointed bud. Vigorous and free flowering. 4 ft.

Each \$2.50, Three \$7.15, Doz. \$25.00

Heinrich Munch. (Hybrid Perpetual) Another shrub in constant bloom until frost. Height: 5 feet. The large flowers are wonderfully fragrant, and a completely feminine pink.

Each \$2.50, Three \$7.15, Doz. \$25.00

Henry Nevard. (Hybrid Perpetual) Plump dark red buds open to large flowers with an iridescent glow. Long stems 5 to 6 ft.

Each \$2.50, Three \$7.15, Doz. \$25.00

Mabel Morrison. This charming bush Rose grows rather quickly to about 5 feet. Blooms, which are very sweet scented, open white with a blush of pink, quickly turn pure white in the sun.

Each \$2.50, Three \$7.15, Doz. \$25.00

Paul Nyrón. (Hybrid Perpetual) Biggest flowers of all the Shrub Roses. Cup-shaped pink blooms appear all season. 5 to 6 ft.

Each \$2.50, Three \$7.15, Doz. \$25.00

R. Shrub. Group No. 3. Moss. These extremely hardy Roses seem to grow anywhere. They are very thorny. Height runs 4 to 6 feet. As they bloom on old wood, pruning must be done immediately after the blooming period. Unless otherwise noted they are not recurrent bloomers.

Alfred de Dalmás. This Moss, which grows about 4 feet high, is blush pink, is always in bloom, never needs winter protection—and if you want more than all this, go to the foot of the class, you greedy thing.

Each \$2.50, Three \$7.15, Doz. \$25.00

Deuil de Paul Fontaine. Blooms are the blackest red you ever saw, and the thing flowers continuously. Height up to 4 feet.

Each \$2.50, Three \$7.15, Doz. \$25.00

Old Pink (Salet). Old? New to you we wager. A continuous bloomer which has a height and spread of about 4 feet. Excellent.

Each \$2.50, Three \$7.15, Doz. \$25.00

R. Shrub. Group No. 4. Moyesii. This group is generally characterized by Roses having great stamina, unusual bushiness, and considerable height. Other Moyesii will be announced as they become ready for sale.

Nevada. We first came upon this huge sensational shrub Rose in a friend's garden in England—in July the plant was covered with huge creamy-white semi-double blossoms about 4 inches across. The rose was seven years old. It was about 8 feet high and spread nearly that far. When we returned six weeks later, Nevada was still smothered in bloom. (It continues to bloom until frost.) Nevada was originally hybridized in Spain, then lost for generations, and was finally rediscovered and named by English plant hunters. Nevada is called after the white Sierra Nevada mountains of Spain, not California's range of the same name

Each \$3.50, Three \$9.75, Doz. \$35.00

R. Shrub. Group No. 5. Rugosa. There isn't a hardier Rose than Rugosa. They are heavy bloomers—continuously. Rugosa are not fussy about soil, need almost no

pruning, and the hips (seed pods) that develop in the fall are beautifully colored—and the birds couldn't be more pleased at the sight of them, either. Heights differ, so in planting put the tall growers at the back of the border. Also an added value: Rugosa defy disease.

Delicata. (Rugosa) Clusters of mauve-pink double flowers bloom continuously on a bush 4 feet high which spreads as much.

Each \$2.50, Three \$7.15, Doz. \$25.00

Frau Dagmar Hartopp. Single soft pink blooms. A friend of ours said, “And such lovely hips”—then she blushed. Height 4 to 5 feet. Compact.

Each \$2.50, Three \$7.15, Doz. \$25.00

Grootendorst. Flowers in clusters are brightest red, edges of petals serrated. Grows to 8 feet—6 is more likely outside of California.

Each \$2.50, Three \$7.15, Doz. \$25.00

Pink Grootendorst. (Rugosa) Clusters of carnation-type flowers of soft pink. Strong disease resistant plant. 6-8 feet.

Each \$2.50, Three \$7.15, Doz. \$25.00

Rose A Parfume l'Hay. (Rugosa) Clusters and clusters of single cherry-red blooms until frost. Shrub matures at about 5 feet.

Each \$2.50, Three \$7.15, Doz. \$25.00

Ruskin. (Rugosa) Brilliant red double flowers. Outer petals reflexed, inner petals high crested and bud shaped. Bright emerald green foliage. Recurrent blooms. 4 to 5 ft.

Each \$2.50, Three \$7.15, Doz. \$25.00

R. Shrub. Group No. 6. Miscellaneous Shrub Types.

A sort of catchall grouping. Heights and characteristics vary considerably, but each variety listed is worth attention.

Austrian Copper. The first year that mother stock of this Shrub Rose bloomed, visitors invariably said, “That's for me.” It's a dazzling, blazing burnt orange-red with yellow on the reverse. A single. The bush itself matures at about 5 feet in good form. Stocks, we are happy to say, are now plentiful.

Each \$2.50, Three \$7.15, Doz. \$25.00

Harrison's Yellow. (Shrub) Semi-double, open, fragrant, bright yellow; strong stems. Foliage small, dark green. 6 to 8 ft.

Each \$2.50, Three \$7.15, Doz. \$25.00

SHRUB ROSE COLLECTION NO. 1. Six of these fine flowering shrubs, our selection, for \$12.00. (A \$15.00 value.)

SHRUB ROSE COLLECTION NO. 2. Twelve Roses from this group, our selection, but including Nevada, for \$25.00. (A \$31.00 value.)

ROSE—See Rosa

ROSE OF SHARON—See Althea

RUDBECKIA. Highly usable and decorative perennials that bloom in late summer and continue blooming until frost. Many, however, are susceptible to aphids, and nearly all the hardy varieties are just too tall, stems too spindly to withstand wind and rain. Varieties listed here are short, strong, and disease-resistant. None are demanding. Shipped spring or fall.

Gold Drop. A Dutch import of great merit. It barely grows to 30 inches—24 inches is the height here. Stems very tough and sturdy. The golden yellow flowers are big and very double. We sometimes go overboard on new

plants that prove out. Well, we're overboard with Gold Drop and are liking every minute of it.

Each \$1.10, Three \$3.00, Doz. \$11.00

Echinacea. Known popularly as The King. Daisy-like flowers are 4-5 inches in diameter. Color is reddish-purple shading to deep old rose at the edge of the petals and a dark cone center. Strong branching 3 foot stems. Blooms in August. Spring shipment.

Each \$1.10, Three \$3.00, Doz. \$11.00

Goldsturm. Large deep golden-yellow flowers, in daisy form. Blooms prodigiously in July, September, and part of October, which is a blessing anyway you look at it. The plant itself grows compactly. No insects seem to touch this baby, and it is apparently hardy nearly anywhere.

Each \$1.10, Three \$3.00, Doz. \$11.00

RUSSIAN BUFFALO GRASS. Mint in the summer to a man with a bottle of bourbon spells julip. To a Russian or a Pole with a bottle of vodka, the addition of not more than three stems of this Russian Sweet Grass changes vodka to zubrovka—and this change is invariably made for it gives vodka a smoothness with which it was not born. We heard about this wonder grass (for vodka drinkers) years ago, finally got a supply of the genuine stuff. Makes a wonderful present. It's easy to grow—full sun, a rather damp location (mix lots of peat in the soil). One large clump is enough to take care of the most avid vodka fan. Each \$3.50 bareroot; \$5.95 potted (for growth in a sunny window). Instructions for use supplied.

SAGE—See Herbs

SAVIA. A very large genus of showy annuals and biennials—and a few hardy perennials, some of which we have rounded up. Sage (see Herbs) is a member. Others will join this ornamental group as we get them proved out.

S. officinalis tri-color. Leaves start out gray-green, veined yellowish-white and pink, but turn to pink or red. The spikes of blue flowers appear in early summer on 15-inch stems. Each \$1.00, Three \$2.80, Doz. \$10.00

SANDWORT—See Arenaria

SAXIFRAGACEAE. A huge family of perennial plants that are ideal for the Rockery. They need lime, gritty or sandy soils, protection from the noonday sun. They usually grow in rosettes of fleshy leaves, the flower stems pop up and provide panicles of bloom. Unlike many other Alpines they do not over-run other plants, another highly desirable characteristic. We are developing a large collection of this excellent family. Shipped spring or fall.

S. bergenia cordifolia. An excellent Rockery perennial. This variety has large thick, heavy leaves of glossy green—heart-shaped. Large clusters of pink flowers about 12 inches high. June onwards. The foliage, incidentally, is very useful for flower arrangements. Note: Authorities have removed this plant from the genus Saxifragaceae; it is properly known as *Bergenia cordifolia*, but its old classification is used here for convenience.

Each \$1.25, Three \$3.50, Doz. \$13.00

SCABIOSA (Pincushion Flower). Here is the perennial form of this popular annual and nothing could be more satisfactory. It is completely hardy; likes full sun. Scabiosa produces huge single flowers with pincushion-shaped centers on 24 inch stems the whole summer. Likes lime. Generally shipped in spring.

caucasica alba. Pure white flowers. Likes a sandy loam and full sun. Each \$1.00, Three \$2.80, Doz. \$10.00

caucasica, Isaac House Hybrids. Mixed shades of azure-blue and lavender to deep blue and silvery white.

Each \$1.00, Three \$2.80, Doz. \$10.00

SCIADOPITYS VERTICILLATA. The Umbrella Pine. Finally, we have a stock of this rare evergreen, all of it from seed that we planted with our own little hands (man and child, we surely do things the hard way). But it is worth any amount of trouble to be able to supply Umbrella Pine, one of the most beautiful evergreens you'll see. *Sciadopitys* is not a pine, but it has long needles which shape themselves into a nearly perfect umbrella. The plant grows well as far north as Stockbridge, Mass., and is probably hardy farther north if protected a bit. Large plants are almost impossible to move, so you must start, like it or not, with babies—five-year-old ones about 9 inches high with about a 9 inch spread, balled-and-burlapped. Each \$7.50. Shipped spring or fall.

SCILLA Campanulata (Wood Hyacinth or Scotch Blue Bells). These are all novelties and greatly improved over the commoner forms. They thrive under fir or pine trees, which means that you can grow them anywhere. It's another lifetime plant. They make wonderful cut flowers. Shipped in September.

Blue Giant. Dark blue. Doz. 95c, 25 \$1.70, 100 \$6.50

City of Haarlem. Pale blue. Doz. 95c, 25 \$1.70, 100 \$6.50

Rosabella. A dark pink. Doz. 95c, 25 \$1.70, 100 \$6.50

White Triumphator. A giant white of unusual substance. Doz. 95c, 25 \$1.70, 100 \$6.50

Scilla Mixture. Doz. 90c, 25 \$1.65, 100 \$6.25

****SCILLA Sibirica.** Excellent rockery plant and wonderful for naturalizing. Blooms very early. Plant in a sunny location about 3 inches deep. September shipment.

Spring Beauty. Light blue in color, blossoms large and free flowering, 3 to 4 inches tall. Good for forcing.

Doz. 95c, 25 \$1.70, 100 \$6.50

SEA HOLLY—See *Eryngium*

***SEDUM** (Stonecrop). This family of fleshy-leaved plants is interesting and invaluable for the rockery. They bloom in nearly the rainbow, demand drought, and like poor soils. Sedums also propagate faster than rabbits, indeed, if not contained they can be pests. Good and bad points aside, if *Sedum* wasn't available to gardeners the stuff would just have to



be invented. Shipped spring or fall.

S. acre. Called Golden Moss. It's yellow, 4 inches high and blooms in June. Each 90c, Three \$2.50, Doz. \$9.00

S. acre album. White form of the above. Each 90c, Three \$2.50, Doz. \$9.00

S. maximum atropurpurea. Also called the mahogany plant. It has cream-rose flowers on ebony stems. Leaves are mahogany toned to bronze-purple. The plant makes excellent material for unusual flower arrangements. Each \$1.10, Three \$3.00, Doz. \$11.00

S. sarmentosum. Yellow flowers on 4-inch stems in June, prostrate evergreen glaucous foliage on runners that root at the end. Each 90c, Three \$2.50, Doz. \$9.00

S. Sieboldii. Leaves are round, thick and silvery-gray in color. Bright pink flowers on 6-9 inch stems in early September. Use *Sieboldii* for rockery—or pot it for a house plant. Each \$1.10, Three \$3.00, Doz. \$11.00

S. spectabile Brilliant. Extremely large crimson flowers on 10-inch stems in August. Each \$1.00, Three \$2.80, Doz. \$10.00

S. spurium coccineum. Trailing, with crimson flowers on 6-inch stems in July-August. Each 90c, Three \$2.50, Doz. \$9.00

S. spurium Dragon's Blood. Foliage is reddish-bronze, dense, and only an inch or so high. The dark carmine-red flowers appear in June and recur thereafter. Each \$1.00, Three \$2.80, Doz. \$10.00

S. ternatum. This *Sedum* forms a pale green tuft and produces pure white flowers on 4-inch stems in May. Each 90c, Three \$2.50, Doz. \$9.00

SEED. Special Grass Seed. We firmly believe that the best turfs for temperate U. S. A. climates are made of the Fescues, a tough, hardy, creeping, shade-resisting race of grass. They not only withstand drought better than most grasses, but they resist fungus. Eighty-five percent of this mixture is made up of the two best Fescues, the rest of upright Bent. We have superb lawns of it here. This mixture is better than the so-called shady lawn seeds generally sold—which is the best kind of grass seed you can ordinarily get. 5 lbs. \$9.95, 10 lbs. \$16.95, 25 lbs. \$39.95, 50 lbs. \$70.00.

SEMPERVIVUM (Hen-and-Chickens). The name of this genus was derived by Pliny from *semper vivo* and means, literally, to live forever. And these fleshy plants, just as valuable for rockeries and other places as Sedums, seem to do just that. There are about 25 species. Only the Good Lord knows how many varieties there are for they can never all be listed in botanical encyclopedias. Here is a modest selection of the best of the hardies in the tribe. Shipped spring or fall.

- S. arenarium.** Small rosettes of green. Flowers unimpressive. Each 90c, Three \$2.50, Doz. \$9.00
- S. bouliacianum.** Green rosettes, reddish-brown on tips. Pale pink flowers. Each 90c, Three \$2.50, Doz. \$9.00
- S. Comilii.** Rosettes of leaves up to 6 inches across, leaves are glaucous or glaucous to purple. Flowers are dull reddish-purple on 6-inch stems. Each 90c, Three \$2.50, Doz. \$9.00
- S. dolomiticum.** Rosettes of hairy leaves, which are green tipped red, and flowers are a deep rose on 4-inch stems. Each 90c, Three \$2.50, Doz. \$9.00
- S. tectorum glaucum.** (St. Patrick's Cabbage.) Leaves glaucous, nearly white at the base; bright red flowers appear on long stems. Each 90c, Three \$2.50, Doz. \$9.00
- S. Mettenianum.** Rosettes are flat with grayish-green leaves; flowers deep rose on medium stems. Each 90c, Three \$2.50, Doz. \$9.00
- S. montanum.** Green rosettes, purplish-brown tips; flowers are mauve-red. Each 90c, Three \$2.50, Doz. \$9.00
- S. reginae amaliae.** Green rosettes are purplish at the tips; pale yellow flowers. Each 90c, Three \$2.50, Doz. \$9.00

SHASTA DAISY—See *Chrysanthemum maximum*

SILVER LACE VINE—See *Polygonum Auberti*

SNAKEROOT—See *Cimicifuga*

SPEARMINT—See Herbs

SPEEDWELL—See *Veronica*

SPRUCE—See *Picea*

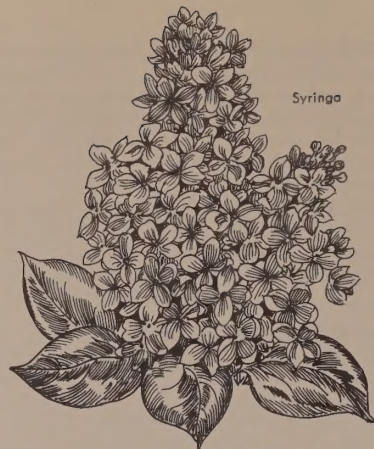
STATICE—See *Limonium*

STEPHANANDRA *incisa crispa*. Zone 4. This is a very graceful dwarf shrub (front of the border) with finely cut leaves, arching branches and slender stems. *Stephanandra's* great value lies in its fine leaf texture—leaves turn reddish purple to red in autumn. Greenish white flowers occur in mid-June on terminal panicles; they are pleasant but not significant. In quite cold climates plant in a protected location. Two year old fieldgrown plants. Shipped spring or fall.

Each \$2.50, Three \$7.15, Doz. \$25.00

STOKESIA. This perennial form of Cornflower (it also bears resemblance to Asters) is a highly decorative border plant and good for cutting. Needs full sun, is not fussy about soils. Spring shipment.

- S. Blue Danube.** New. Flowers are strikingly large (up to



5 inches) and deep blue. The center is a rosette of blue quilled stamens. Blooms from June to late fall. Height: 12-15 inches. Each \$1.10, Three \$3.00, Doz. \$11.00

- S. Blue Moon.** A light blue counterpart of Danube. Each \$1.10, Three \$3.00, Doz. \$11.00

- S. cyanae.** Light blue disc-like flowers appear in late August and last well into September. Height of blooms: 12-15 inches. Each \$1.10, Three \$3.00, Doz. \$11.00

- S. Silver Moon.** A new white form of Danube. Each \$1.10, Three \$3.00, Doz. \$11.00

STONECROP—See *Sedum*

STRAWBERRIES—See *Fraises des Bois*, *Fraises Espalier*

SUNFLOWER—See *Helianthus* and *Heliopsis*

SWEET CICELY—See Herbs

SWEET SHRUB—See *Calycanthus*

SWEET WILLIAM—See *Dianthus Barbatus*

SYRINGA (French Hybrid Lilacs). You'll certainly want these lovely things. The hybridizers have been working with them, particularly the great French horticulturist Lemoine, and Lilacs are now works of art. The trusses are huge and many varieties make excellent cut flowers. Shipped spring or fall.

- Adelaide Dunbar.** Large double red flowers. Each \$3.50, Three \$9.75

- Alphonse Lavalle.** A good double blue with large trusses. Each \$3.50, Three \$9.75

- Belle de Nancy.** Rose-red buds open to pinkish-lilac. Double. Each \$3.50, Three \$9.75

- Charles Joly.** Large double flower of violet color shading almost to red. Each \$3.50, Three \$9.75

- Ellen Willmott.** Large double flowers of pure alabaster-white. Each \$3.50, Three \$9.75

- Mme. Lemoine.** Large double white. Each \$3.50, Three \$9.75

- Michael Buchner.** Double lilac-blue. Each \$3.50, Three \$9.75

- President Grevy.** One of the best light blue varieties. Double. Each \$3.50, Three \$9.75

- President Poincaré.** Very showy double clear purple. Each \$3.50, Three \$9.75

Species Syringa. These great shrubs are rarely seen in private gardens, but are prized acquisitions in the shrub borders of fine U.S. arboretums. The fragrance of these varieties is one of their great charms.

- S. chinensis.** Zone 5. This native of China is free-flowering, slenderly branched, graceful in habit—all the requisites of an orderly bush. Violet blooms, delicately fragrant, appear in May. Eventual height: 8-9 feet. Shipping plants are 2-3 feet. Each \$3.00, Three \$8.50, Doz. \$30.00

- S. microphylla superba.** The "Rock Garden Lilac". Seldom grows over 5 ft. tall. Mahogany-red buds open to soft rosy-lilac. The short panicles have a dainty lacy effect, and it invariably blooms twice a year. Intensely fragrant. One of the most charming small shrubs we have ever grown. If you have the room, mass them.

Each \$4.50, Three \$12.50

- S. yunnanensis rosea.** The Chinese "Yunnan Lilac" with slender panicles of pink flowers. Grows to about 10 feet. Imported. 3-4 feet. Each \$6.50, Three \$18.00

TARRAGON—See Herbs

TEUCRIUM (Germander). Dwarf, compact, bushy shrub-like plants with glossy deep green foliage. Prefers well drained location. Does best in sun. Spring shipment. Shipped spring or fall.

- *Canadensis.** This is the dwarf form of this highly useful plant, very compact. It grows only to about 10 inches. Flowers, which are rather inconspicuous, are a pale rose. Basically, this is a low hedge or edging plant.

Each 90c, Three \$2.50, Doz. \$9.00

- *Chamaedrys.** This very hardy plant can be used in place of miniature boxwood. Height 12-15 inches. Trimmed to any desired height. Each 75c, Three \$2.15, Doz. \$7.50

THALICTRUM. *Lavender Mist*. Dainty, pale-lilac flowers with yellow anthers. The decorative foliage is similar to the leaves of *Aquilegia*. Useful for cutting. Height 3 feet. Spring shipment. Each \$1.25, Three \$3.50, Doz. \$13.00

THERMOPSIS (Carolina Lupine). Attractive deep green foliage with long yellow spikes of lupin-like flowers in June and July. Height: 3-4 feet. Shipped spring or fall. Each \$1.00, Three \$2.80, Doz. \$10.00

THUJA. The *Arbor-Vitae* family. Extremely useful evergreens, many of needle types, other heather-like, make up this group. We fancy the dwarfs.

- T. occidentalis ericoides nana.** Our Royal Horticultural Garden Dictionary (which knows everything) says that this is "the dwarf broadly pyramidal form of Thuja, with slender branchlets clothed with needle-shaped soft spreading leaves; dull green above, grayish green beneath—and a brownish tint in winter." Fancy that. Shipping plants are about 9 inches high. Balled-and-burlapped. Each \$5.00

THYME—See *Thymus* and Herbs

THYMUS (Decorative Thyme). (See Herbs for culinary variety.) These plants are easily grown, form dense mats ideal for spaces between flagstones. They require full sun and that is about all. Thyme is perfect, low growing cover for hot and dry places. Generally shipped in spring.

***citriodorus**. Also known as lemon thyme because of its distinct lemon fragrance. *Citriodorus* grows from 6 to 8 inches high and is covered with small rosy blooms in June. Like all decorative Thymes it needs full sun. It makes a delightful dwarf border for an informal path. Needs light straw protection in winter to keep stems from drying out.

Each \$1.00, Three \$2.80, Doz. \$10.00

***Serpyllum album**. Dense mats of dark green foliage with small white flowers. Each \$1.00, Three \$2.80, Doz. \$10.00

***Serpyllum coccineum**. Extremely dense mats of fine green leaves. Covered with reddish-purple flowers in late June. Evergreen leaves turn bronze in the fall; extremely hardy. 3 inches high. We consider this the best Thymus for planting between stones in terrace or walk. Extremely hardy and rugged.

Each \$1.00, Three \$2.80, Doz. \$10.00

TOOLS. Unlike many mail order nurseries we carry few sundries. The reason: we figure a "plantsman's" principal concern should be plants. Occasionally, we offer advice on quality tools. For example, the Locke Lawnmower, made in Bridgeport, Conn., is the quality power mower. It cuts better and lasts nearly forever—we never saw one so worn out it couldn't be rebuilt satisfactorily. So the Locke mower is low-cost in the long run. We do offer a few quality tools that are difficult to pick up—because they are long-lasting, they cost more, and many stores won't handle them. Here's the list.

Henckel Hand Tools. This West German manufacturer produces the best pruners, scissors and knives. The models offered here are the ones we use.

No. 1 **Rose Shears.** These shears (6½ inches) with chrome-plated steel forgings are for light pruning. Each \$8.25

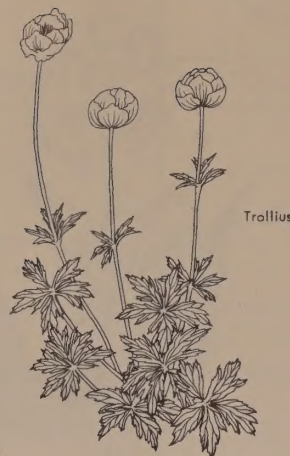
No. 2 **Rose Shears.** Somewhat larger than No. 1 (7½ inches). Chrome-plated steel forgings. The shears have a unique cut-and-hold device that works. Ideal for cutting Roses or other flowers. They are, however, for light pruning only. Each \$11.50

No. 3 **Flower Shears.** Indispensable scissors for handling flowers for arrangement. Chrome-plated steel foraging (4¾ inches). Each \$5.50

No. 4 **Heavy-Duty Pruning Shears.** This big pruner has a wonderful thumbrest. Shears are steel forgings. (8½ inches.) Each \$7.25

No. 5 **Heavy-Duty Pruning Knife.** One large pruning blade, coco-bola wood handle. (3¾" closed.) Each \$5.00

White Flower Farm's Dutchook and Deep-Weeder. Even if you have just met us, you've probably been told about our Dutchook, the tool we discovered in Holland and had redesigned for garden use. The tool doesn't look like much, but it's a fine steel forging with a tool-steel blade and a handle that jolly well won't come off. And it's the



best hand-weeder you'll ever find. Each \$3.95 postpaid. Deepweeder is a professional asparagus cutter's tool, ideal to cut weeds with long tap roots—dandelions, for example, or use it, if you want to be contrary, to cut asparagus. Deepweeder's long blade is all tool steel and should last indefinitely for home use because it can be resharpened (with a file) to the very end of the long blade. Each \$2.95, postpaid. Deepweeder-Dutchook Combination, \$6.75 postpaid.

TRADESCANTIA. Excellent plants for the front of a deep border. 15-18 inches tall. *Tradescantia* produces masses of flowers from late June well into September, which makes it a candidate for any garden. Shipped spring or fall.

Blue Stone. This new European import is a lovely solid blue—the originator calls it a soft Moorish-blue, if that's any help to you. Each 95c, Three \$2.70, Doz. \$9.50

Iris Pritchard. White flushed with blue. Each 95c, Three \$2.70, Doz. \$9.50

J. C. Weguelin. Delightful pale blue flowers. Each 95c, Three \$2.70, Doz. \$9.50

Pauline. Pale Pink. Each 95c, Three \$2.70, Doz. \$9.50

SAMPLER COLLECTION. Surprisingly, many gardeners are not aware of this useful perennial. To get you better acquainted we offer this sampler, and at a special price. Three plants, each different and our selection, \$2.50.

TROLLIUS (Globeflower). Here is a fine plant family having beautiful, large globular or buttercup-like flowers and attractive dark green leaves. It is a good plant to use in a shady, moist location. It thrives in rich soil with plenty of humus. Does well in full sun, too. Spring shipment.

T. Brynes Giant. Enormous deep lemon-yellow flowers on exceptionally long (up to 3 feet) and strong stems.

Each \$1.25, Three \$3.50, Doz. \$13.00

Ledebouri. Large rich orange blooms shaped like buttercups.

Excellent cut flower.

Each \$1.10, Three \$3.00, Doz. \$11.00

Lemon Queen. Large pure yellow buttercup-like flowers appear in May and June and often thereafter in the fall. Lemon Queen cuts well. Height: about 24 inches.

Each \$1.10, Three \$3.00, Doz. \$11.00

T. Prichard's Giant. Practically identical in habit and growth to Byne's Giant except that flowers are golden.

Each \$1.10, Three \$3.00, Doz. \$11.00

TSUGA. The Hemlocks. There isn't a more beautiful evergreen. Variety is endless so far as size is concerned: Hemlock comes small, medium, big, and biggest. We divorce them all except small—and smaller. Shipped spring or fall.

T. Sargentiana. Here the lovely Weeping Hemlock that is not too easy to find. Few nurserymen propagate this because it is quite difficult. Frankly, we don't either, but we do pay handsomely to have it budded by a pleasant elderly patient Dutchman, and then we are quite patient in bringing it to saleable size. *Sargentiana* is one of the finest spreading evergreens. *Sargentiana* spreads farther than it grows high—old plants 6 feet high spread 12 to 15 feet. It's a true weeper and the form is ever a delight. We call this an investment plant. A large specimen can be sold for several hundred dollars, but try to find one. Our 5 to 7 year old, balled-and-burlapped plants have about a 15-inch spread.

Each \$7.50

TUBS. Here two wooden types of containers that do not suffer, as do Terra Rosa Ring Pots, from frost. However, it is not a good idea to leave these containers out all winter—they are fairly expensive and should be put under cover. Both types are made of woods that are extremely resistant to rot, but to keep them indefinitely, we strongly urge painting the inside with Cuprinol, or other clear wood preservative, before planting. When replanting be sure to paint again with preservative. Potting medium should be ⅓ rich loam, ⅓ peatmoss, ⅓ the finest grade of sand you can find. Container-grown plants need fertilizer—see Fertilizer.

Redwood Octagonal Tubs. The slight taper and general design is excellent. Staves are held securely with heavy bands of brass or copper. They darken pleasantly with age. 14 inches, \$6.00.

Outdoor Teak Tubs. These beautiful imports are from Indonesia—of solid teak with brass hoops. Not supplied with drainage holes for you may want to use as a waterproof container. (Drill if you want drainage.) 14-inch diameter, Each \$17.00.

Indoor Teak Tub. These beautiful containers are turned and molded. (No drainage holes.) 12 inches, Each \$16.00.

TULIPA. In the past twenty-five years there have been great changes in Tulips—blooms have become more colorful, stems are as strong as sticks, the color range is now the rainbow. The newer forms are not as well known as they should be, and it's rather too bad because they are about the same price as older

varieties. We have tried to pick the cream of the new crop, but in doing it we have not been able to hold down the list—there are just too many beauties that can't be left out of a modern collection. We urge planting tulips in mass by variety, or in two varieties that complement each other in color. To mix tulips successfully each colored bulb should be surrounded with three or four of a white variety. Don't plant tulips in the same place for over three years. It's best to relegate last year's bulbs to the cutting garden, get new bulbs for bedding work. September shipment.

T. BOTANICAL. Here are Tulips that can be naturalized and thrive indefinitely. Here, also, is something different in Tulips, something every garden doesn't have. Forms range from the exotic to extremely delicate, so note descriptions and heights carefully. Some of these bulbs are very small but plant them all at least 7 inches deep and enrich the bottom of the hole with bonemeal. Like all Tulips they require good drainage, full sun. These Botanical (also called Species) Tulips are easy to grow. Almost all of them bloom before Daffodils.

Fosteriana Albas. Immense ivory-like flower with a yellow base. 18 inches. Very rare.

Doz. \$4.50, 25 \$8.50, 100 \$30.00

****Fosteriana Cantate.** Vermillion red and a dwarf. The perkiest little fellows you will see.

Doz. \$2.55, 25 \$4.80, 100 \$17.50

****Fosteriana Red Emperor.** If you don't know this flaming red thing, you haven't been seeing these early birds that herald spring. Huge red blossoms, as flamboyant as a circus press agent's prose, and as much fun.

Doz. \$2.00, 25 \$3.80, 100 \$13.75

****Kaufmanniana Shakespeare.** This is rosy-red with a silvery shine, and you don't have to believe it.

Doz. \$2.90, 25 \$5.50, 100 \$20.00

****Kaufmanniana Stresa.** Blood-red broadly margined deep yellow; foliage has black stripes.

Doz. \$3.10, 25 \$5.85, 100 \$21.25

****Kaufmanniana Vivaldi.** Here you find a soft yellow blossom with carmine-rose spots outside; foliage mottled.

Doz. \$3.10, 25 \$5.85, 100 \$21.25

Kolpakowskiana. Deepest yellow, shaded rose on exterior of petals. Flower is long-lasting; a heavy multiplier. 8 inches.

Doz. \$2.90, 25 \$5.50, 100 \$20.00

linifolia. Brilliant vermillion-red. Four or more flowers to a stem and long lasting. 7 inches.

Doz. \$2.35, 25 \$4.50, 100 \$16.50

Marjoletti. Soft primrose, shaded carmine-red at the base. Flowers mid-May. 14 inches.

Doz. \$1.10, 25 \$2.10, 100 \$7.50

praestans Fusilier. Fire-engine red flowers—3 to 5 of them on each stem—and a dwarf.

Doz. \$3.10, 25 \$5.85, 100 \$21.25

Turkestanica. Each bulb produces six or more small white flowers, shaded yellow inside. 5 inches.

Doz. \$1.25, 25 \$2.40, 100 \$8.75

T. BOTANICAL MIXTURE. Offered to get more gardeners better acquainted with these attractive bulbs. We select

Double Tulip



this mixture from the above varieties at reasonable prices.
Doz. \$2.00, 25 \$3.80, 100 \$13.75

T. COTTAGE (Mayflowering). Many uses are found for this group of lovely Tulips. They are excellent for the garden or for table decorations. For the most part, the flowers are oval with recurved petals and the stems are less stiff than the Giant Breeder and Ideal Darwin Tulip. All are early bloomers.

Artist. Most unusual. Flower, quite dwarf, is salmon inside—green, repeat green, outside.

Doz. \$2.90, 25 \$5.50, 100 \$20.00

Gen. de la Rey. A large salmon flower shaded lilac-rose and buff. This variety has never been surpassed. It has a distinct orange center and a cream-white base. 26 inches.

Doz. \$2.20, 25 \$4.15, 100 \$15.00

Gold Coast. A splendid buttercup-yellow, slightly edged orange-red.

Doz. \$2.35, 25 \$4.50, 100 \$16.25

Ivory Glory. A huge egg-shaped flower—clear ivory-white and a white center. 26 inches.

Doz. \$2.00, 25 \$3.80, 100 \$13.75

Marshal Haig. This is a glowing red, and over the years has earned high regard in our own extensive Tulip trial garden.

Doz. \$1.80, 25 \$3.50, 100 \$12.50

Mount Tacoma. A giant double white. 22 inches.

Doz. \$1.80, 25 \$3.50, 100 \$12.50

Renown. White Flower Farm Introduction, 1953. Tremendous American Beauty colored blooms on 34 inch stems of great strength. Edges shade lighter in same tone. A must, our friends, a must.

Doz. \$2.35, 25 \$4.50, 100 \$16.25

Rosy Wings. This is a fine and delicate pink with a Forget-me-not blue base. Its long, 5-inch buds open fully in sunlight. It is earlier than most of the Cottage group but Rosy Wings will last as long as others do. Awarded A.A. by the New York Tulip Society in their 1951 trials. 25 inches.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

Smiling Queen. Clear pink with a silvery edge and a satin sheen.

Doz. \$1.80, 25 \$3.50, 100 \$12.50

COTTAGE TULIP MIXTURE. All of the foregoing and many other cottage varieties are represented in this mixture.

Doz. \$1.25, 25 \$2.40, 100 \$8.75

T. IDEAL DARWIN. First introduced in Holland in 1927.

The Ideal Darwin is first cousin to the Darwin. They are praised for graceful form, good substance and long lasting qualities. This improved type provides new and lovely pastel shadings not found in other Tulips. Colors are generally solid, plants are usually about 30 inches. So you can blend plantings easily.

Arlington. Blood red. A lovely solid colored Tulip.

Doz. \$1.80, 25 \$3.50, 100 \$12.50

Aristocrat. Dark violet-rose, with a lighter lilac edge. Excellent shading bloom.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

Blizzard. White Flower Farm Introduction, 1953. This remarkable alabaster-white Tulip has a huge bloom on the toughest of stems. It is the finest white we have ever seen and a must for Tulip fanciers. 28 inches.

Doz. \$2.70, 25 \$5.15, 100 \$18.75

Blue Perfection. A clear violet-blue.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

Cum Laude. Darkest violet all over.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

Desirée. Vermillion-red. Yes, a solid color.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

Florence Nightingale. This bright red flower has a yellow base shading black.

Doz. \$1.80, 25 \$3.50, 100 \$12.50

Glacier. An excellent white.

Doz. \$1.80, 25 \$3.50, 100 \$12.50

Insurpassable. A very large flower of solid delicate lilac.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

La Tulipe Noire. The nearest to a black flower you will find. It has a velvet sheen.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

Margaux. A very, very deep wine-red all over.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

Niphetos. Ivory-yellow—a pastel of great size that blends beautifully with Darwins of strong colors.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

Queen of the Bartignons. As pure a salmon-pink all over as you will ever see.

Doz. \$1.80, 25 \$3.50, 100 \$12.50

Sweet Harmony. A top lemon-yellow with an edge that shades to white.

Doz. \$1.80, 25 \$3.50, 100 \$12.50

White Rock. Excellent white with big yellow anthers.

Doz. \$1.80, 25 \$3.50, 100 \$12.50

Zwanenburg. A pure white with coal-black anthers.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

DARWIN TULIP MIXTURE. Our Dutch grower call this mixture "splendid"—it contains 100 varieties—and indeed it is.

Doz. \$1.25, 25 \$2.40, 100 \$8.75

T. LILY-FLOWERED. Graceful is the word for this Tulip.

It is a cross between the Cottage and Tulipa Retroflexa and produces a sturdy flower with reflexed, pointed petals that is completely unlike any of the other varieties.

Alaska. Pure yellow and sweet-scented, which is most unusual in Tulips

Doz. \$1.80, 25 \$3.50, 100 \$12.50

Dyanito. About the brightest red ever.

Doz. \$1.80, 25 \$3.50, 100 \$12.50

LITCHFIELD, CONNECTICUT

IMPORTANT: We never substitute. If for any reason plants ordered are out of stock, we back-order for preferential shipment the following season, notifying you promptly. All orders are usually acknowledged within 48 hours of receipt.

By:

(Miss, Mrs., Mr.)

(Please PRINT or TYPE)

Street:

City:

Zone:

State:

Ship

To:

(Miss, Mrs., Mr.)

(Please PRINT or TYPE)

Street:

City:

Zone:

State:

[illegible]

Even if your order is complete please carry subtotal to back of this form to, 1) add 75c service charge if the order is under \$7.50, 2) add the 3 percent Connecticut sales tax if you are a resident, or 3) take any discounts you may have earned.

SUBTOTAL

Please do not write in this space.

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SUBTOTAL

Please do not write in this space.

A Photo-copy of this order will be sent as an acknowledgement.

A Photo-copy of this order will be sent as an acknowledgement.

FOR ALL OTHER OFFERS IN THIS ISSUE

WHITE FLOWER FARM LITCHFIELD, CONNECTICUT

IMPORTANT: We never substitute. If for any reason plants ordered are out of stock, we back-order for preferential shipment the following season, notifying you promptly. All orders are usually acknowledged within 48 hours of receipt.

Ordered

By:

(Miss, Mrs., Mr.)

(Please PRINT or TYPE)

Street:

City:

Zone:

State:

Ship

To:

(Miss, Mrs., Mr.)

(Please PRINT or TYPE)

Street:

City:

Zone:

State:

No.	Catalogue Description (Please PRINT or TYPE)		Unit Price	Total
	IRIS Yellow to Golden Collection	7 plants	5.25	
	Yellow to Blue Collection	7 plants	4.75	
	White to Blue Collection	7 plants	5.00	
	Red to White Collection	7 plants	6.25	
	Red to Yellow Collection	7 plants	6.25	
	Pink Collection	6 plants	4.50	
	PAPAYER Special Offer Collection	5 plants	5.00	
	No 1 Collection	Our Selection 5 plants	4.50	
	No 2 Collection	Our Selection 10 plants	8.50	
Even if your order is complete please carry subtotal to back of this form to, 1) add 75c service charge if the order is under \$7.50, 2) add the 3 percent Connecticut sales tax if you are a resident, or 3) take any discounts you may have earned.			SUBTOTAL	

Please do not write in this space.

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Perishables shipped Parcel Post will include small Special Handling charges.

SUBTOTAL CARRIED FORWARD FROM OTHER SIDE			Total
No.	PAEONY Special Offer Collection	4 plants	Unit 6.50
	Gold Standard	(Single)	4.50
	Tomato Boku	(Single)	6.00
	TULIP Early Collection	25 Bulbs	2.40
		100 Bulbs	8.75
	Late Collection	25 Bulbs	2.40
		100 Bulbs	8.75
	Red Emperor Fosteriana Albas	Doz. of Each	6.00
	Red Emperor Fosteriana Albas	25 of Each	10.50
	NARCISSI THE WORKS COLLECTION	50 Bulbs	7.00
		100 Bulbs	13.00
		500 Bulbs	60.00
		1000 Bulbs	108.00
	Use Separate Sheet to List Other Individual Varieties from PLANT BOOK		
If your order is under \$7.50, please add the 75c service charge here, or deduct any discount you may have won for early orders.			
If this order is a gift we will prepay transportation charges, bill you later for them. Have you enclosed a gift card?			SUB TOTAL
All net transport charges on perishables are billed after shipment; non-perishables shipped transport charges collect. Transport charges on orders under \$20.00 (if not trees or shrubs) can usually be sent for 10 percent of the net bill. If your order is in this class, add 10 percent here.			
If check or money order attached, deduct 2 percent cash discount from subtotal here.			
If this order is to be shipped to a Connecticut address (or if you are a resident), add the 3 percent sales tax to the net amount of the order on this line.			
WARRANTY: If shipment is damaged advise us immediately. We will reship at once and take over the bothersome details of collecting the claim from the carrier. All other claims should be made in 30 days, for culture is responsibility of the buyer.			TOTAL

SUBTOTAL CARRIED FORWARD FROM OTHER SIDE				Total
No.	LILIUM Destiny	5-6"	Unit	
	Each \$1.25, Three \$3.40, Doz. \$11.95			
	Harmony	5-6"		
	Each \$1.00, Three \$2.75, Doz. \$9.60			
	Golden Chalice Hybrids	5-6"		
	Each \$1.00, Three \$2.75, Doz. \$9.60			
	Prosperity	6-7"		
	Each \$1.25, Three \$3.40, Doz. \$11.95			
	Mid-Century Lily Garden	---		
	Doz. \$6.00, 50 \$22.00, 100 \$40.00			
	Enchantment	5-6"		
	Each \$1.00, Three \$2.75, Doz. \$9.60			
	Auratum Red Band Strain	7-8"		
	Each \$3.50, Three \$9.00, Doz. \$33.00			
	Auratum Platyphyllum Virginalae	7-8"		
	Each \$1.50, Three \$3.95, Doz. \$14.50			
	Auratum Platyphyllum	7-8"		
	Each \$1.50, Three \$3.95, Doz. \$14.50			
	Speciosum Red Champion	7-8"		
	Each \$1.25, Three \$3.40, Doz. \$11.95			
	Golden Sunburst	7-8"		
	Each \$1.50, Three \$3.95, Doz. \$14.50			
	Royal Gold	7-8"		
	Each \$2.50, Three \$6.75, Doz. \$24.00			
	Olympic Hybrids	9-10"		
	Each \$1.00, Three \$2.70, Doz. \$9.60			
	Candidum (Madonna Lily)	7-8"		
	Three \$1.80, Doz. \$6.50, 25 \$12.00			
	Mid-Century Small Sizes			
	15 \$7.95, 21 \$9.95, 30 \$13.75			
If your order is under \$7.50, please add the 75c service charge here, or deduct any discount you may have won for early orders.				
If this order is a gift we will prepay transportation charges, bill you later for them. Have you enclosed a gift card?			SUB TOTAL	
All net transport charges on perishables are billed after shipment; non-perishables shipped transport charges collect. Transport charges on orders under \$20.00 (if not trees or shrubs) can usually be sent for 10 percent of the net bill. If your order is in this class, add 10 percent here.				
If check or money order attached, deduct 2 percent cash discount from subtotal here.				
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WARRANTY: If shipment is damaged advise us immediately. We will reshipe at once and take over the bothersome details of collecting the claim from the carrier. All other claims should be made in 30 days, for culture is responsibility of the buyer.			TOTAL	

Jan de Graaff

WORLD-FAMOUS

LILIES



Golden Splendor Strain

Oregon-grown

acclimated

healthy

hybrids

Golden Splendor Strain. The true golden Aurelian Trumpet Lilies that have had such a sensational success wherever shown. These Lilies have been showered with honors and awards since their introduction. But do not think of them as just show flowers. They are sturdy, vigorous, prolific garden plants. De Graaff has been ruthless in his selection and for this Golden Splendor Strain he has kept only the very best, darkest yellow for propagation. The GOLDEN

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JUN 28 1961

SPLENDOR Strain is the newest, most outstanding, the most glorious golden yellow trumpet Lily. These Lilies usually flower in the last weeks of July; they stand five to seven feet tall when well-grown. The colors are a uniform, deep and intense golden yellow. All of them show a deep maroon-brown stripe on the reverse of the petals and the buds too are a maroon-brown.



Pink Perfection Strain



Black Magic Strain



Emerald Strain



Moonlight Strain

Pink Perfection Strain. This strain, in habit and culture similar to de Graaff's great Olympic Hybrids, is shaded pink. This color extends over the inner, as well as the outer, surface of the petals and is indescribably beautiful. De Graaff's experience with these Lilies shows that while they are a true and definite fuchsia-pink in Oregon and other cool, moist climates, they show lighter pink tones when grown in regions where warm nights prevail. Only the very darkest forms are selected and tagged for sale.

Black Magic Strain. Soon after de Graaff found the original plant, subsequently named BLACK DRAGON, he tested its genetic potential by crossing each flower with pollen from the very finest white trumpet Lilies in his collection. Fortunately, one of the first combinations gave him an abundant supply of seed that later produced nothing but giant plants, all with excellent coloring—outside deepest maroon, pure white inside—and good placement of the flowers. Moreover, these seedlings resembled the mother plant, BLACK DRAGON. Herewith, this strain at a special introductory price. For its color class nothing is finer. Vigor is exceptional.

Emerald Strain. Great improvement over de Graaff's great Green Mountain Hybrids. Emerald Strain's flowers are an almost translucent, pure, cool white, with a flush of emerald-green when first open. The stout stems need staking only in the most exposed locations. This strain is the result of crossing two known parents and cannot be duplicated without them.

Moonlight Strain. De Graaff is as pleased as he can be with this new strain—seedlings from the famous LIMELIGHT that won a First Class Certificate in London in 1959. This strain has flowers of a soft greenish-yellow—bowl-shaped Lilies that might almost be called a true chartreuse. These are tall Lilies and very prolific. We recommend this strain highly.

Bellingham Hybrids. A hybrid strain of Lilies raised from native West Coast species. The flowers, ideally spaced on tall, slender, straight stems, are particularly long-lasting. The pyramidal flower heads (up to 20 flowers) may be cut as the first buds open and will remain fresh until the entire spike is in bloom. The color range is complete from clear yellow through the yellow-oranges to the bright orange-reds with scarlet-tipped petals. Most of the flowers are intensely spotted with brown or reddish-brown.

The bulb itself is of the rhizomatous type—new crowns form annually along the scale-covered rhizomes. Ideal for partial or light shade. Plant in a cool, light soil. Leave it undisturbed, since the bulb divides and branches rapidly to form large clumps. Plant 5 inches deep in ordinary soils. A winter mulch is recommended in the colder sections to protect the bulbs against alternate freezing and thawing.



Fiesta Hybrids



Bellingham Hybrids

Fiesta Hybrids. Mixed colors—a strain based on original crosses made by the late Dr. Abel of White Plains, New York. The plants are tall, bear as many as twenty, nicely-spaced, reflexed and nodding flowers in colors that range from pale straw-yellow through vivid reds, blazing orange to deepest maroon-red. All of the flowers are lightly sprinkled with small maroon-black dots. These gay and cheerful Lilies are extremely uniform in form and habit and have great value as cut-flowers. This Lily should be planted from 5 to 6 inches deep in full sunlight.

Harlequin Strain



Harlequin Strain. De Graaff's first offering of this magnificent hardy strain of garden Lilies in totally new colors, bred from the rare Korean *Lilium cernuum*. It has hardiness, vigor and unusually pleasing form. A 1960 novelty of charm and distinction—never before offered or shown to the public.

Jan de Graaff

WORLD-FAMOUS LILIES





Cinnabar



Destiny



Harmony

Golden Chalice Hybrids



Cinnabar. A strong-stemmed, vivid maroon-red, upright-flowering Mid-Century Hybrid. The flowers, borne on long pedicels, are well-spaced and their maroon-red color glows in the sun. It is a worthy companion to ENCHANTMENT. Fine for forcing, for growing in pots in the cool greenhouse. Plant in light shade or full sun.

Destiny. Another new Mid-Century Hybrid, tall, cool and purest lemon-yellow, with just enough delicately placed brown spots on the petals to afford a beautiful contrast. DESTINY opens as many as six large flowers at one time. They are carried well above the lustrous dark-green foliage on stems three to four feet tall.

Harmony. A wide-petaled, upright-flowering Mid-Century Hybrid in shades of rich and brilliant orange. Early flowering. The long pedicels and large flowers are ideal for large cut-flower arrangements. HARMONY is the best of all Mid-Century Lilies for forcing. A.M. R.H.S.

Golden Chalice Hybrids. A hybrid strain built up from crosses between various upright-flowering Chinese species and their garden variants. This is another instance where de Graaff has very sensibly chosen to introduce an entire strain of seedlings, which have shown marked improvement over the parent plant, rather than segregate a few individuals and propagate them for eventual naming and introduction at a necessarily high price. The range of colors varies from clear lemon-yellow through the rich warm shades of gold and apricot-orange. As with all de Graaff strains of seedlings, the Golden Chalice Hybrids exhibit exceptional vigor. The bulbs are uniformly white, clean and sound. Plant in a warm, sunny location where they will get full sun, at least 6 inches deep. The stem roots are heavy and numerous underground stem bulblets are formed. (Shallow plantings will reduce the increase from stem bulblets.) GOLDEN CHALICE is extremely drought-resistant, ideally suited for that warm, dry corner of the border where nothing else seems to flourish. June-flowering, height: 2½ to 4 feet.



Prosperity



Mid-Century Lilies



Enchantment

Jan de Graaff

WORLD-FAMOUS LILIES



Prosperity. An entirely new Lily in the rugged Mid-Century Hybrid strain. It is a cool, lemon-yellow, outward-facing flower. The plants stand better than four feet and make clumps through natural division. Extremely vigorous, hardy and disease-resistant.

Mid-Century Lily Garden. All colors and types. After selecting named clones, de Graaff had another sixty or more that were far too good to discard. He propagated them as a mixture and we offer them at sharply reduced prices to acquaint as many gardeners as we can with their usefulness. These Lilies grow like weeds, very beautiful weeds. You can't fail with them. We offer a flowering grade for those of you who like masses of flowers for cutting and large-scale displays. These bulbs will flower next spring and spread gorgeously thereafter.

Enchantment. The outstanding Mid-Century Hybrid. *United States Plant Patent No. 862.* It, too, has been heaped with honors. To name a few: First Class Certificate, Royal Horticultural Society 1955; First Class Certificate, Massachusetts Horticultural Society; and North American Lily Society. Enchantment stems from seed that was planted in the spring of 1942. In 1945 de Graaff saw it for the first time in full size. Enchantment is an upright Lily of excellent habit, loaded with well-formed flowers of a vivid, nasturtium-red color that blazes in the sun. This Lily, so well endowed, carries large numbers of bulbils in the axils of the leaves. It can also be propagated quite readily from scales and de Graaff has found that its vivid coloring is a dominant factor transmitted to nearly all its seedlings.



Auratum Red Band



Auratum Platyphyllum



Speciosum "Red Champion"

Auratum Platyphyllum var. Virginale



Auratum Red Band Strain. A strain of magnificent, broad-leaved, vigorous Lilies selected from the few *L. auratum platyphyllum* seedlings that show a bright red band in the place of the usual golden stripe down the center of each petal. De Graaff decided to intercross the best seedlings and, by continuing this line of breeding through several generations, he has developed a strain that comes true to the red-banded character.

Auratum Platyphyllum Virginale. A vigorous and handsome, pure white form infrequently found among the seedlings of the true *L. auratum platyphyllum*. This lily has enormous vigor. The broad, dark green, glossy leaves and the immense stem are in proportion to the large, widely expanded flowers. The very whiteness of the petals seems to be intensified by the golden stripe down the center ridge of each petal. A wonderful garden plant and fully at home in the herbaceous border, it is also at its very best when grown in a cool greenhouse. Plant in large pots, provide ample drainage and nourishment. It's a sensation!

Auratum Platyphyllum. A species from Japan, often called the Gold Band Lily, The form de Graaff raises from seed is very broad-leaved and hardier, more resistant to disease, and, generally speaking, more beautiful than the original *L. auratum*. All *L. auratum platyphyllum* offered here have flowered for at least one season and the entire stock has been carefully rogued for type. We recommend it without hesitation, but point out that these lovely Lilies prefer a habitat with long, moist and cool growing seasons and a deep, rich, well-drained soil. They usually flower in August and September, a boon to any garden at this season.

Speciosum "Red Champion". A strain of the species *L. speciosum*, the red showy Lily of Japan. Grand for garden decoration, cut flowers or pot culture in a cool greenhouse, uniform, disease-free and vigorous. It is not difficult to grow. Put it in well-drained soil where it can receive light shade during the hottest part of the day. That's all it needs. The heavy basal roots make a fall growth and consequently the plant may require a year to become established. Plant the bulbs 6 inches deep. Late August and early September flowering.

Jan de Graaff



Golden Sunburst



Royal Gold

Olympic Hybrids



Golden Sunburst. Among the hybrids of *L. henryi* some flowers were found of a clear lemon-yellow color that gave every indication of being the result of a mutation. Selecting these pure yellows and intercrossing them with other Aurelian hybrids produced a strain that is true-breeding for color and that contains many magnificent Sunburst-type flowers. These Lilies grow to about six feet and produce widely expanded, star-shaped flowers on long pedicels.

Royal Gold. A golden-yellow, true-breeding mutation of the Regal Lily. This beautiful and very new flower is identical with the best *L. regale* except for its glistening quality and its golden color.

Olympic Hybrids. A major project of de Graaff's breeding program for years has been this modern strain of trumpet Lilies. Side by side, field tests have definitely proven them to be the finest strain of hardy trumpet Lilies available.

Their breeding history includes such varieties and species as *L. leucanthum* var. *centifolium*; *Sargentiae*; *Brownii* and *L. myriophyllum* var. *superbum*. Careful selection of the finest and choicest plants from these crosses has resulted in the present Olympic strain characterized by its extreme vigor and size, form, coloring and good placement of flowers. July-flowering, Olympics bloom later than *L. regale* and continue for three weeks to a month. When grown for show purposes, the plants should be given light shade as soon as the buds lengthen and begin to show color.

Plant the bulbs 5 to 6 inches deep in well-drained soil. They can then be left undisturbed for several years.



Notes

Lovelier than any picture. Jan de Graaff's Lilies, which you see here excellently reproduced, will be far more lovely in bloom in your garden than on this slick paper. *Lilium*, particularly those produced from absolutely disease-free stock by de Graaff, are quite easy to grow. We know that this is contrary to the general impression, but it is nonetheless a fact. Lilies do require a bit of consideration, but no special culture. They must be planted where water will not stand on the bulbs, most like light shade, all prefer a location having good air circulation. That's all.

If you believe this, and we trust you do, this is the time to order Lilies. They will be shipped to you in late September and early October. To encourage early orders we offer the following: All orders postmarked August 30 or earlier can be discounted as follows: Orders from \$15 to \$34.99, deduct 5 percent, or add the equivalent in Lilies; Orders from \$35.00 to \$64.99, deduct 10 percent or add the equivalent in Lilies; Orders over \$65.00, deduct 15 percent or add the equivalent in Lilies. Hear this: If your order is dated July 30 and paid for in full, you, of course, take the 2 percent cash discount, and we will also ship them transportation charges free. An order form is enclosed for your convenience.

Not pictured here. De Graaff, we are sorry to say, no longer grows his great strain of Cascade Lilies, his development of *Lilium Candidum*, the lovely Madonna Lily. It is not pictured here. We have, however, an excellent French strain of the Madonna. It is pure-white and develops a fine flowering-head. You must plant the bulb with only one inch of soil over it. Orders have to be really early on Madonnas. We start shipping them in late July for you to plant immediately—the Madonna is the only Lily which must make top growth before frost. 7 to 8-inch bulbs, Three for \$1.80, Dozen for \$6.50, 25 for \$12.00. If you live in cold climates with early frost, don't order Madonnas after August 25:

Mid-Centuries in small sizes. One of the great features of de Graaff's Mid-Century Strain is that the things are so hardy and vigorous that small-sized bulbs can easily be used to start a large planting—and very inexpensively. The reason they are inexpensive is because these small bulbs only have to be grown in the nursery two years, instead of the usual three to five years needed to get other varieties to flowering size. Honestly, these Lilies are weeds. And they spread like weeds. Plant each bulb one foot apart and in three years, your planting will be solid Lilies. Then you can cut them, too—two or three stalks from each hill. —Sincerely, A. Pettingill.



Against a background of tall Douglas firs and the Sandy River, these Lilies (from left to right—Pink Perfection Strain; Moonlight Strain and Sunburst Strain) flowered in Jan de Graaff's lovely garden. Here they were photographed for the articles that appeared in *LIFE* and the *AMERICAN HOME* magazines in the summer of 1959 and here, too, all the photographs in this folder were taken. In this setting, with a good, well-drained, slightly acid soil and full sunshine, these Lilies thrive, to flower year after year until the clumps become too large and must be separated and transplanted.



- Golden Duchess.** You guessed it—this duchess is golden.
Doz. \$1.80, 25 \$3.50, 100 \$12.50
- Mariette.** Deep rose with a satin sheen.
Doz. \$1.50, 25 \$2.75, 100 \$10.00
- Queen of Sheba.** Brownish-red, edged bronze.
Doz. \$2.00, 25 \$3.80, 100 \$13.75
- White Triumphator.** Pure white flowers, extra large and long lasting. Strong stems. 26 inches.
Doz. \$1.50, 25 \$2.75, 100 \$10.00

LILY-FLOWERED MIXTURE: All the above fine varieties are represented in this offer.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

T. PARROT. These flamboyant flowers should be planted in groups by themselves for the best effect. They have an orchid-like form and the varieties below are the best and clearest colors. As a cut flower they rate high.

Black Parrot. The blackest of all Tulips. Plant with Texas Gold or White Parrot. 26 inches.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

Blue Parrot. Bright violet over-shaded by steel-blue. Strong 30-inch stem.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

Fantasy. This is a soft rose-pink and the shadings of the cup are of velvet textured rose. 26 inches.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

Texas Gold. This is a sensational new Parrot of clear yellow. The petals are deeply lacerated and the stem is straight and strong. 24 inches.

Doz. \$1.50, 25 \$2.75, 100 \$10.00

White Parrot. Pure white and truly lovely. Scarce. 22 inches. Six \$3.00, Doz. \$5.20, 25 \$10.00, 100 \$32.00

PARROT TULIP MIXTURE: Here is a good way to buy the above beauties.

Doz. \$1.25, 25 \$2.40, 100 \$8.75

UMBRELLA PINE—See *Sciadopitys verticillata*

VALERIANA (Garden Heliotrope). Flowers set in clusters on 12-18 inch stems. Foliage is a rich green. Bloom is from June until October. Spring shipment.

V. alba. The white form of this very sweetly scented perennial. It's an excellent cut flower.

Each 95c, Three \$2.70, Doz. \$9.50

V. rosea. A gem in old-rose. Like *V. alba*, it is also excellent as a cut flower.

Each 95c, Three \$2.70, Doz. \$9.50

VERBASCUM (Mullein). These hybrids by the English of a little cherished native of America are mighty fine. Their woolly-type foliage makes them an interesting border plant and flowers appear on well-branched spikes. *Verbascum* likes well-drained soil. Does best in sun. Spring shipment.

Pink Domino. Pink flowers with maroon eye. 4 ft.

Each \$1.10, Three \$3.00, Doz. \$11.00

VERONICA (Speedwell). All you should remember is to cut back faded flowers to promote new bloom and growth, and, once established, never try to move *Veronica*. Shipped spring or fall.

Blue Peter. A profusion of navy blue flowers on about 18 inch spikes in early summer. It has replaced *Blue Spires*.

Each \$1.00, Three \$2.80, Doz. \$10.00

Crater Lake Blue. Intense blue flowers. Each plant produces dozens of spikes. Excellent cut flower. 18 inches.

Each \$1.10, Three \$3.00, Doz. \$11.00

Icicle. Pure White form of *Blue Peter*. It blooms heavily in the early fall. One of the best flowers for cutting we have found.

Each \$1.10, Three \$3.00, Doz. \$11.00

Minuet. New. Pure pink spikes borne on compact 12 inch plant. Greyish-green foliage.

Each \$1.10, Three \$3.00, Doz. \$11.00

V. rupestris. Heavenly Blue. This spreading plant forms a solid mat. It is one of the best of the spreaders for use between stones on walks or terraces. Sapphire-blue flowers smother the mat in May-June. Requirements are minimal—it does as well in semi-shade as in full sun, is drought resistant. In time the thing will take over from the weeds.

Each \$1.00, Three \$2.80, Doz. \$10.00

Sunnyborder Blue. A neatly compact plant with 18 inch spikes covered with intense blue flowers in June. It is a honey of a cut flower—lasts as long as *Icicle*. Full sun is best, but it does well in light shade, too.

Each \$1.10, Three \$3.00, Doz. \$11.00

VIRGINIA CREEPER—See *Parthenocissus*

VITEX (Chaste Tree). Graceful shrub with spike-like flowers which blooms profusely from July until fall. This plant will reach a height of ten feet unless pruned back. It is ideal for the shrub border or as a specimen. Spring shipment. Note: *Vitex* breaks into leaf very slowly. It must be kept wet, its branches syringed with water until leaf appears after transplanting. Spring shipment.

Macrophylla. Distinctive lavender-blue, summer-flowering. Because *Macrophylla* remains dormant longer than most shrubs, some impatient gardeners (we are one, sometimes) are inclined to dig it up and throw it away. But be patient, when the weather warms *Macrophylla* bursts out, almost overnight.

Each \$2.50, Three \$7.15, Doz. \$25.00

WEIGELA. Lovely shrubs flowering in May, June and July. Their Foxglove-like flowers are borne in profusion. Most *Weigela* like a moist soil and should stand without competition from the shade or roots of large trees. The finest varieties are the species types, not the familiar named—varieties like *Bristol Ruby* or *Eva Rathke*, neither of which we grow. Varieties below are all imports, now grown on The Farm. Shipped spring or fall.

***florida alba rosea.** Never more than 6 to 7 feet tall. Covered with white flowers which turn pale pink before dropping. Shipping plants 15 to 18 inches. Each \$3.00

***"foliis purpureis.** Slow-growing, compact variety, with attractive purple foliage and pink flowers. Shipping plants 15 to 18 inches. Each \$3.00

***praecox variegata.** Flowers honey-scented, rosy-pink with yellow throat markings. Leaves have a pale yellow border. Shipping plants 15 to 18 inches. Each \$3.00

Styricea. Bright rosy crimson; bloom profusely. Shipping plants 15 to 18 inches. Each \$3.00

WISTERIA arborea. This is the hard-to-find tree form of *Wisteria*, one of the most beautiful of all



Darwin Tulip

shrubs. It grows as wide as it is tall, which is rarely over 6-8 feet, and when established makes a breathtaking spring display. Gardeners fail with *Tree Wisteria* because they don't pamper it during the only critical period in its life—its first few months, the only time *Tree Wisteria* ever needs pampering. About all you have to do is keep it wet—the whole story of precisely how is sent with each order. Follow those instructions and you can't fail. Choose White, Pink, or Lavender. Shipping plants are about 4 feet high. Spring shipment. Each \$12.50

WISTERIA Climbers. We hardly need to introduce these great climbers for everyone has seen them bloom. Judicious pruning of the leafy new shoots in August easily keeps them in bounds. They should not be planted in the northern tier of states, for very cold spring weather, even though it does not kill the vine, ruins the flowers—so why plant a flowering vine that won't flower. Tree types, on the other hand, are easily kept small and will bloom if protected in such climates. It should be noted that like *Tree Wisteria*, the climbers can be viciously backward in leafing out after being moved. Water the thing deeply and keep at it, for really recalcitrant plants sometimes will not throw leaf until August. As one authority puts it, "A newly moved *Wisteria* leafs out, if watered deeply regularly, when it is good and ready."

W. floribunda alba. Grows to about 30 feet, produces long racemes of lovely white flowers. Scented. Shipping plants 3-4 feet. Each \$3.50, Three \$9.75, Doz. \$35.00

W. floribunda rosea superba. The pink form of the above. Each \$3.50, Three \$9.75, Doz. \$35.00

W. sinensis Blue Empress. Brought from China in 1816 and the noblest hardy climber ever introduced. It will climb 100 feet or any point in between. The beauty of this Chinese native in full bloom is always breath-taking. This variety, a slight improvement on the original, produces long panicles of scented blue flowers. Shipping plants 3 to 4 feet. Each \$3.50, Three \$9.75, Doz. \$35.00

WOOD HYACINTH—See *Scilla Campanulata*

YARROW—See *Achillea*

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